

Summer 2009

University of Dayton Magazine, Summer 2009

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UNIVERSITY OF
DAYTON
Magazine
SUMMER 2009



HOW TO STEAL
(AND GET AWAY WITH IT)

CROWNING CHICAGO'S
KICKBALL CHAMPIONS

**WE LOVED OUR
AUTOMOBILES**
And someday we'll love them again

Learn more, earn more
**CHANGE
CLASSES**



Mary Courtyard Garden with its mosaic shrine created by Brother Don Smith, S.M.
Photograph by John Consoli.

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"While others retrench, we move forward."

*Cover photo: Detail of a 1930 Packard Custom Eight
Touring Car, Model 740, photographed at Dayton's
Citizen's Motorcar Company by Larry Burgess*

Living relics

Everybody can find something odd in other people’s religions. Sometimes we see parts of our own to be odd. That was the case when I raised the possibility that this issue’s Hidden Treasure piece might feature a relic residing on campus. After the obligatory disclaimer that I was not referring to myself, it became clear that many of our readers would find relics odd. (Some of you may find the dominoes that became the issue’s Hidden Treasure on Page 61 a bit odd, too; but that’s another story.)

The word “relic” comes from a Latin verb meaning to leave behind; for Catholics, a relic is something a saint or martyr left behind — perhaps clothing or even part of a body that in life served as a temple of the Holy Spirit.

A veneration for tangible things may seem unusual to those who see religion as rising above the material to seek the spiritual. Gathering pieces of bone or bits of cloth associated with dead people may seem to them more like collecting baseballs signed by Babe Ruth or parts of a car driven by James Dean. (That is a gruesome story in itself, as John Heitmann — whose love of the automobile is featured beginning on Page 18 — can tell you.)

And maybe in some ways such activity is odd. But we are human beings, not disembodied spirits. We see physical matter; we hear audible sounds; we remember them; we think about them. We make sounds and develop them into symbols, into words; we see in objects something beyond their material form; we thrive with signs that stretch us.

The connections we make are sometimes unpredictable — such as mine were when I visited the Holocaust Memorial Museum. The story that place tells is monumental and vast. Yet what moved me to tears was a small, simple display of scores of black, furred umbrellas — simple objects, taken from those led to slaughter, symbols of their daily, ordinary lives, symbols of sacred individual human beings.

One of the names in this issue’s In Memoriam is that of another sacred individual, Bud Cochran, whose life can be remembered in symbols — the hole blasted in his World War II destroyer, the Native American

medal he wore as a professor, the food that he as a St. Vincent volunteer delivered in retirement.

Another name in that list is Ellie Kurtz. Every December, an event she founded — Christmas on Campus — offers a symbol of the nature of our University in the faces of University of Dayton students and in the faces of those Dayton students who come to campus each December from schools and communities such as those described in this issue’s feature starting on Page 28.

These ordinary things that we see in our daily lives have meaning. In the faces of those with whom we come in mundane contact, we see not just the worldly. We see in them the sacred.

And if we look hard enough, we may indeed see the face of God and live.
—Thomas M. Columbus
EDITOR

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WHERE ARE YOU READING UNIVERSITY OF DAYTON MAGAZINE?

Leslie Singel '06 and Jay Kemper '08 read it in Budapest, Hungary, where they teach English. They will both be returning to the U.S. this summer to continue graduate work.

See more reader photos at <http://magazine.udayton.edu>



Where are you reading *University of Dayton Magazine*? Send us a photograph — at home or abroad — to magazine@udayton.edu.

LETTERS

FIRST ISSUE

Congratulations on a superb first issue of the *University of Dayton Magazine*. Besides the excellence and breadth of the written word in a wide variety of articles, the photography in this issue is magnificent. The cover photo and the inside of the front and back covers are stunning. I was particularly struck by the “ad” on the inside of the back cover that uses the ensuring of the future of community as the focus of giving. And your “opening comments” were their usual erudite, poetic and to-the-point writing!

Thank you for this excellent new initiative for the University and its alumni.

—STEPHEN GLODEK, S.M.
ST. LOUIS

Editor’s note: Brother Glodek is provincial, the Marianists, Province of the United States.

Congratulations on the beautifully designed and interest-packed first issue of the new *UD Magazine*. I think ... it has matured from the tabloid look to now hold its own with other outstanding Catholic college alumni magazines, including even *Notre Dame Magazine* and *Boston College Magazine*. I devour all three quarterly and am happy to have had my books reviewed in each. ...

All alumni owe much more gratitude to you than they probably express for the excellent publications you bring to us.

—DON WIGAL '55
NEW YORK

There’s a certain epic ring to Volume One Number One, eh? Lovely piece. I liked your newsazine, your magapaper [*University of Dayton*

Quarterly], which to me was one of only three things like that to work as a readable periodical (Bucknell and Florida did it) and was clearly the best of its kind; but a magazine’s cooler. And this issue is done with flair and verve. Kudos.

—BRIAN DOYLE
PORTLAND, ORE.

Editor’s note: Brian Doyle edits Portland: The University of Portland Magazine, winner of the 2005 Robert Sibley Award (selected by the editors of *Newsweek*) for the best university magazine in North America.

The new magazine looks great. And reads very well, as always.

—WALT COLLINS
SOUTH BEND, IND.

Editor’s note: Walt Collins edited Notre Dame Magazine from 1983 to 1995.

WOW. Another home run for UD. The new magazine is outstanding. The photography, layout and style, and overall presentation are outstanding. But, as an old guy (class of ’79) it will take some time to get used to the new format. ... I have always passed on my old copies of the UDQ to parents whose children are in the college selection process, and many of them have commented on the quality of the publication. ... I am sure that the new *Dayton Magazine* will create an even bigger impact on alumni and prospective students as well.

My only suggestion is to revisit the “drawings” of the alumni that are profiled in the

Class Notes section. They did not appear to be very flattering sketches.

Keep up the good work! Go Flyers!
—KEVIN HENNESSY '79
CLEVELAND

Editor’s note: Several readers shared this opinion of the profile sketches. All new models need a little tinkering. The profile drawings in this issue are in a more realistic style.

CAMEROON

I spent my career with Shell Oil Co.. Six years of my career was spent in Douala, Cameroon. We did extensive travel throughout the country while we lived there and was actually made and honorary chief in two villages.

The article [“Our Village Is Dying,” *University of Dayton Magazine*, Winter 2008-09] was great and brought back a lot of memories about living there and how much is needed in the villages. The students did a great job. ...

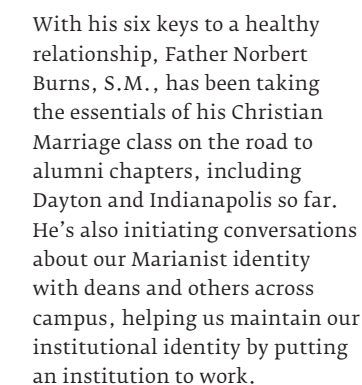
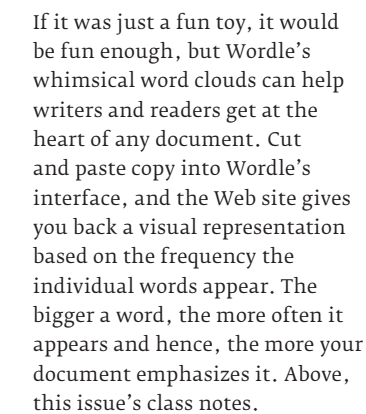
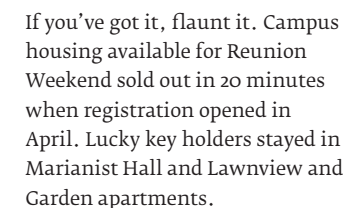
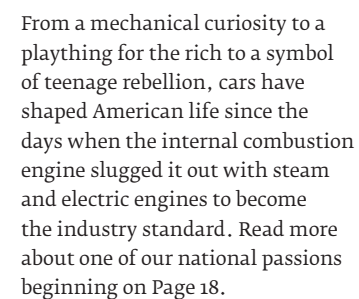
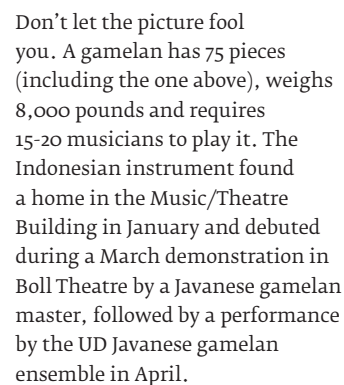
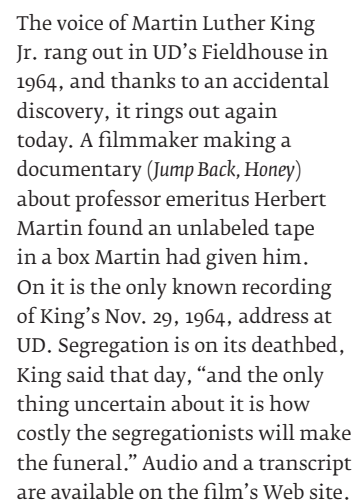
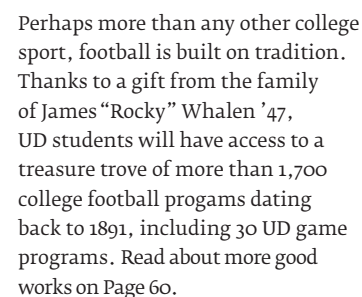
The Cameroonians are wonderful people, and I really enjoyed working there and getting to know such great human beings. I also know how much they appreciated what was done for their village.

Please give my thanks and appreciation to the students that worked on this project.

—CHARLES FACCIPONTE '65
KATY, TEXAS

PLEASE SEND YOUR LETTERS TO:
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Please include your city and state. Indicate whether you wish your e-mail address printed. Letters should not exceed 300 words. *University of Dayton Magazine* may edit for clarity and brevity. Opinions expressed are those of the letter writers and not necessarily of this publication nor the University of Dayton.



What to see, hear, read, watch and pay attention to this quarter — at UD and beyond.

"I wish I could go back, not to change anything but to do it all over again."
— T-SHIRT SEEN AT REUNION WEEKEND 2008

"You shouldn't have to move out of your neighborhood to live in a better one."

— MAJORA CARTER, FOUNDER OF SUSTAINABLE SOUTH BRONX AND KEYNOTE SPEAKER AT THE UNIVERSITY'S ANNUAL STANDER SYMPOSIUM

“Everyone seems so happy here.”
— ONE PROSPECTIVE PARENT TO
ANOTHER DURING A CAMPUS TOUR,
OVERHEARD NEAR ST. MARY HALL

thinking globally

History lecturer Karen Bartley's parents, children of the Great Depression, taught her to live within her means, largely without extravagance. After Bartley earned her doctorate, she taught two years in Brazil. There, she learned a lot more than Portuguese.

When storms and disasters deprive people in the United States of resources, people count on them coming back, Bartley says. But in many places, resources run out indefinitely or are rationed. Instead of hoarding, people conserve. Bartley asks: "Would simplicity encourage us to moderate our use of resources?"

HOW TO LIVE SIMPLY
(and be a better global citizen in the process)

IMAGINE a day without an unlimited supply of electricity. Hang your wet laundry to dry instead of using the dryer. Wash dishes by hand and let them air dry. Nature will finish both of these tasks in no time.

IMAGINE a day without an abundant supply of digital or electronic capabilities. Check your e-mail once (OK, twice) per day. Allow 1 hour for news and information, then turn off the TV or computer. Turn off the Blackberry and text messages for several hours. What can you do instead? How about some face-to-face conversations?

IMAGINE a day without prepared foods. No microwave or canned meals. Clean, cut, combine and cook yourself. Consider how nurturing ourselves has impact beyond consuming calories.

IMAGINE a day without a car. Your world is only as distant as your feet, a bike or a bus can take you. What would happen to our worlds socially and economically if we lived more locally?



stealing



IN SOFTBALL,
THOU SHALT

Junior outfielder Molly Meyer led the Flyer softball team in base-stealing in 2008 and 2009. In 2007, she logged a perfect 10-for-10 on steals. She offers the following tips:

- TIP 1:** Set yourself up on the base like a track runner on the blocks, with one foot on the bag and the other behind. You'll want a quick start.
- TIP 2:** Watch your coach for the sign on every play. When you get it, play it cool until it's time to run.
- TIP 3:** No turning back. Once the pitcher is in the middle of her wind up, take off. Doubt or the slightest hesitation will get you every time.
- TIP 4:** Run fast. Really fast. Once you get to the base, slide around the tag. However, if you find it necessary to knock over your opponent, you can always apologize later. But only if there's blood.
- TIP 5:** Did I mention watch your coach for the sign? That's unless you're speedy and the coach has given you the green light to steal on your own. In that case — heck, you'd better be stealing on the next pitch.
- TIP 6:** The chemistry lab rule applies: Don't try this at home — unless your coach insists, of course. It almost never works.

Meyer and her teammates note that these tips are for fast-pitch softball. Use them at your own risk. Baseball and recreational slow-pitch softball have some different rules, though the basic idea of stealing is generally the same.

Special note to the 150 or so Chicago alumni who participate in the Flyer kickball league: Thou shalt not. It's against the rules.

WHAT IS THE MOST
IMPORTANT HUMAN RIGHT?

The Most Important Human Right:
The right to be
To exist
To live
To breathe in and out
Ordained by God
Celebrated annually by recognition of birth
Endangered by inconvenience
Violated by injustice and the pursuit of annihilation
Man's inhumanity to man
Mourned at passing
—LISA M. BEYER ROWLEY '83, Pawcatuck, Conn.

The right to life, the fulfillment of God's will that once conceived, each individual life will continue uninterrupted ... until that child leaves the comfort and security of its mother's womb. Another human being is born, unique, with an eternal soul, to give constant praise and honor to our Lord and Savior.
—RICHARD J. AGOSTINELLI '63, Toluca Lake, Calif.

Freedom of opportunity. In America, we have been fortunate to have freedom to choose our own path and have seen many people succeed from humble beginnings.
—JIM GORE '86, Cincinnati

Living in a country, Zimbabwe, where human rights are not even considered, and we do not have any education to talk about, as all the teachers left, and no study materials, I would say that the most important human right is the right to education.
—AMANDA CHISVO, Harare, Zimbabwe

The right to equal treatment. Fundamentally, our belief structure as Americans is caught between this principle and the natural tendency toward in-group perceived superiority. Human society wouldn't have progressed without the evolution of the idea

In the wake of the 60th anniversary of the Universal Declaration of Human Rights, this is a natural question. In light of what governments and groups of people think is quite acceptable to do to citizens and strangers, this question is very relevant too.

Respect for the dignity of the human person: That's what I would call the most important human right. Most important, because most basic. If this right is respected, other rights come along with it — the right to life, the right to due process, the right to food. If nations, governments, schools and organizations across the world decided they were going to respect human dignity, the welfare of men and women everywhere would markedly improve. This is due to all women and men because they are each cherished by God, made in God's image and given a unique human vocation to carry out in this world.

—JOHN A. MCGRATH, S.M.
University Professor of Faith and Culture



that all individuals are equally important, should have equal treatment and should be equally responsible for the good of the many.
—KURT HOFFMANN, University of Dayton Environmental Sustainability Manager

The most important right in the world is the right to worship the God of your choice, without worry of government intervention or reprisals.
—JOHN M. DICKENS '63, St. Charles, Ill.

I believe the right to freedom of speech and expression is the most important. ... Without the freedom to express one's ideas, one's mind — the only truly individual and unique thing that every human possesses — becomes paralyzed. Without it, an individual becomes nothing more than another organism devoid of individuality. ... Without the ability to express one's thoughts and emotions through speech, expression through actions — usually violence — becomes the only alternative.
—ROGER ALAN CZULEWICZ '96, Green Bay, Wis.

The United Nations' Universal Declaration on Human Rights (1948) was formulated under Eleanor Roosevelt's wise coordination along Jeffersonian lines. ... Its third article simply states, "Everyone has the right to life, liberty and the security of person." However, neither the Declaration nor Jefferson ranks these rights by importance any more than we could rank the importance of earth, wind or water. Similar practical problems arise when trying to rank body and soul, life and choice, church and state. These parts of the whole must work together if each is to be effective. On the other hand, I think to improve one of these rights is to improve them all to some degree, as when raining on a section of a lake raises the level of the entire body of water.
—DONALD WIGAL '55, New York City

WE WANT YOUR ANSWER TO NEXT ISSUE'S QUESTION:
"What do you know now that you wish you'd known at graduation that you'd share with students today?"
E-MAIL YOUR ANSWER TO MAGAZINE@UDAYTON.EDU

FLIGHT DECK

News from campus and beyond

Milestone graduation

Twenty new doctors of physical therapy were among more than 300 graduate students — including eight other doctoral candidates — receiving advanced degrees this May.

More than 1,400 students picked up undergraduate diplomas.

With a combined total of 1,770 students receiving degrees, this year's ceremonies are believed by registrar officials to be the largest graduation in the University's history. This is the second year the University has held separate graduate and undergraduate commencement ceremonies.

The doctor of physical therapy program was created in 2006 with financial assistance from the Greater Dayton Area Hospital Association to fill a gap when the only local program offering a master's in physical therapy closed. Entry is highly competitive with 210 applications for 35 open spots in each class.

AROUND CAMPUS

Thrice an alumnus, once a provost

When Joe Saliba came from Lebanon to UD, he liked it so much he stayed to earn three degrees — a bachelor's, a master's and a Ph.D. in civil engineering — in six years. The liking was mutual. So Saliba stayed on to teach in the department of civil engineering and engineering mechanics and to become chair of that department in 1996, dean of the School of Engineering in 2004 and now provost, the chief academic officer of the University.

Education's really wired

The School of Education and Allied Professions has made *U.S. News & World Report's* list of the 20 largest online graduate programs in education.

The school offered its first online graduate program in 2001. Four have been added since; another is in development. Class sizes are limited to 22 students, said Jim Rowley, executive director of UD's Institute for Technology-Enhanced Learning, to ensure students experience the same sense of learning community that residential students do.



MEDIA HIT

BUILD A BETTER FUEL CELL

Science magazine on Feb. 6 published findings of Liming Dai and fellow scientists on a cheaper, longer-lasting fuel cell. Dai holds the Wright Brothers Institute Endowed Chair in Nanomaterials at UD. After *Science*, billed as "the world's leading journal of original scientific research, global news, and commentary," published the findings, the story was picked up by numerous publications including the *MIT Technology Review* and *Nature*.

IN MEMORIAM

Bud Cochran, 82, professor emeritus of English, died April 16 ... Joyce Durham, 69, professor emerita of English, died Jan. 31. ... Charles Kimble, 65, professor of psychology, died March 19. ... Ellie Kurtz '47, first director of Kennedy Union and founder of Christmas on Campus, died Jan. 16 at the age of 82. ... Sue Wesselkamper, 66, president of Chaminade University in Honolulu and UD trustee, died Jan. 3.

RECOGNIZED

Lackner Awards

These awards named for Brother Elmer Lackner, S.M., are presented annually by the Rector's Council to two full-time faculty or staff members who have, over time, made noteworthy contributions to the Catholic and Marianist nature of the University.

If soccer doesn't pan out, become a provost

Before coming to the University of Dayton to study, receive three degrees and pursue an academic career that now sees him as UD's chief academic officer, provost, Joe Saliba left war-torn Lebanon — the land of his ancestors for two millennia — and went to Bordeaux, France, to try out for a soccer team.

That didn't work out.

But while in France, Saliba kept in touch with Mary — the Blessed Mother to whom, when he was born, his grandmother had prayed for intercession after his mother lost a child a short time before. Regularly in Bordeaux he walked by the Madeleine, where Father William Joseph Chaminade had co-founded the first Marianist lay faith community. And in France, he visited Lourdes. "I promised the Blessed Mother," he said, "that I would one day return with my children." He did.

But it has only been for short intervals that he has left UD.

As a colleague said of him, "It would be hard to find anyone else so thoroughly devoted to the University."

Blame it on the Marianists

Susan Ferguson '75, director of the Center for Catholic Education, sometimes apologizes for her effusiveness when sharing her affection for the University of Dayton and the Society of Mary. "I can't help it," she says. "UD and the Marianists made me who I am."

"If you think about the Lackner Award as set aside for people who emulate Mary, that's what she does," said Maura Donahue, director of UD's Program for Christian Leadership, of Ferguson. "She's quiet and caring, with a very gentle manner. One great mystery of the charism is the role of hospitality in forming a community around shared values. Susan is always open to meeting, to talking about issues, bringing people to the table and including all the voices that need to be there."

Part of Ferguson's motivation may stem from a belief developed during her time teaching in the School of Education and Allied Professions. "Seeing God in each person," she said, "and seeing that God gave that person potential — that's the role of the teacher."



The Marianist Service Award

Each year this award honors two full-time staff members whose behavior over a significant number of years exemplifies UD's Catholic and Marianist character.

Caring – and showing it

As benefits manager, Beth Schwartz shares in great joys — job offers, raises, parenthood and retirement — and great sorrows — terminal illnesses, deaths of colleagues or loved ones, families in turmoil, retirements postponed.

So, when Father Paul Marshall, S.M., came to her on an important matter — unbeknownst to her, the Marianist Service Award — she was prepared for bad news.

Schwartz was humbled.

"I like that I can care about the people I work with," she said. "In the corporate world, you don't really get up and give a person a hug. I appreciate the opportunity to be able to care about people and to show it, to give them a hug or to hand them a Kleenex."

Embodying the charism

From the time photographer Larry Burgess left the newspaper business to join UD in 1990, his work has put a human face on the Marianist spirit, said Teri Rizvi of University communications.

It's visible not only in the images he captures of the UD community, but in the manner in which he captures

them, she said.

"He's a model of selflessness and humility," Rizvi said. "Whether he's photographing the president or a groundskeeper, he treats all with respect. Through the lens of his camera, Larry has chronicled campus life for nearly two decades, capturing moments in time that reflect a university that respects its heritage and the gifts of its people."



Alumni Awards for Teaching and Scholarship

The award recipients, chosen by the Faculty Awards Committee, each receive \$3,000, funded by the University's National Alumni Association.

Save energy, ensure the future

Kelly Kissock, professor of mechanical and aerospace engineering, according to the citation for his Alumni Award in Scholarship, is "helping secure the energy future of the United States and the world." Holding 19 copyrights for widely used energy software applications and publishing widely, he has received more than \$3.4 million in externally funded contracts and grants.

As director of the Department of Energy-sponsored Industrial Assessment Center at UD, he has performed more than 300 industrial

and commercial building energy assessments, which have helped manufacturers save more than \$4 million and reduced carbon dioxide emissions by millions of pounds.

Improve teaching, enhance learning

Stephen Wilhoit, associate professor of English and winner of the Alumni Award in Teaching, not only teaches well himself but also helps others to do so. With his work in the Learning Teaching Center, he is a leader in faculty development programming, influencing how students are taught across disciplines — through several events, workshops and other programs.

Within the English department, he led efforts to improve the introductory composition courses and brought innovations to graduate teaching assistant education. Among his numerous publications are three textbooks, two on writing and one on training teaching assistants.



Students beat S&P benchmark

They all had jobs lined up long before May's graduation. The financial sector, according to U.S. Labor Department statistics, lost 400,000 jobs in the last two years. But the 10 University of Dayton senior finance students who managed Flyer Investments, a multimillion-dollar investment fund for the University's endowment, found themselves highly employable.

In managing the fund, the students did "much, much better" than the endowment's professional money managers, said Richard P. Davis '77. "Quarter after quarter, year after year — and now for 10 straight years — their performance is just outstanding," he said of the students of the Richard P. and Susan P. Davis Center for Portfolio Management. Over the past 10 years, the student fund outperformed its benchmark index, the Standard and Poor's 500, by 2.13 percent per year.

RISE Forum draws more than 2,000 to campus

At RISE IX, where top financiers speculated on the battered and beleaguered economy, CNBC financial correspondent Steve Liesman looked out at the youthful, dark-suited audience and delivered a hopeful message: The glass is definitely half-full.

"You may not make the big salaries," he said, "but what an interesting time to be involved in finance, where finance is exploding on the front pages of the paper, where everybody and their brother is talking about this story, and this story reaches out and touches so many people's lives in so many ways. It may seem like dark days for getting into the field, but I think they are extremely bright days. In that regard, we are going to be reshaping the entire financial industry in this country. All these young kids in this room are going to be able to be a part of that. It's going to be tough when you get out, but the industry is going to re-form itself."

RISE, short for Redefining Investment Strategy Education, is the largest student investment forum in the world, routinely drawing more than 2,000 students, academics and professionals to campus each March.

RISE X is March 18-20, 2010. See <http://rise.udayton.edu>.



JIM CROTTY

SPEED MARKETING

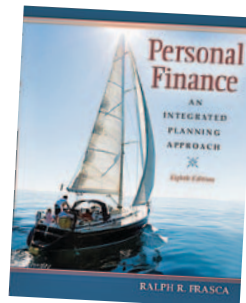
Where do you go to learn about digital marketing?

To UD students, apparently. Students in professor Irene Dickey's Internet and e-marketing classes offered area business professionals a crash course in nine digital marketing techniques. The event filled the Dayton Racquet Club to its capacity of 120.

Managing your money

Ralph Frasca, professor of economics and finance, wrote the book on personal finance — literally. His textbook *Personal Finance: an Integrated Planning Approach* is in its eighth edition. He also has a blog, The Personal Finance Chronicle, at <http://thepersonalfinancechronicle.blogspot.com>. Some of his tips:

- Keep a financial journal to get to know your expenses.
- Avoid ATM fees.
- Pay off credit cards each month.
- Don't ever go without health insurance.



FREE CONSULTING

The work of MBA capstone students was cited by the city of Dayton among the successes of its BusinessFirst! partnership, which connects local businesses with resources for growth. The city pointed to recommendations that could bring an annual benefit of \$105,000 to a marketing firm, \$70,000 to a tool company and \$25,000 to a welding company.

MEDIA HITS

RISE SHINES ON FED HEAD

The March 26 speech at the RISE forum by Richard Fisher, president and CEO of the Federal Reserve Bank of Dallas, attracted coverage from the Associated Press, the Dow Jones newswire, Reuters and Bloomberg News. The stories ran in more than 200 outlets.

BAILOUT FALLOUT

Former U.S. Securities and Exchange Commission Chairman Harvey Pitt spoke at a March 29 School of Law symposium on the economic bailout. Nearly 500 outlets, including *Forbes* and *BusinessWeek*, picked up the story.

LAUREN TOMASELLA '09



'If you cook it, they will come'

Not many people would chase their dream in a snowstorm and below-zero temperatures at 3 a.m. But after shoveling snow in those very conditions to sell 8-inch sandwiches in UD's student neighborhood, Eduardo Arroyo '06, pursuing a master's in electrical engineering, and Adrian Perez '07, pursuing a master's in business administration, knew they'd found their passion.

The two entrepreneurs opened late-night sandwich business The Monchon in fall 2007. They wanted to create a place for students to mingle, share stories and munch on good food; to generate well-paying jobs for students on campus; and to see if they could bring a business dream to reality.

With a canopy over their heads, one grill and a table of ingredients from Sam's Club, the two men started making chicken and steak sandwiches on Stonemill Road in front of the former Rudy's Fly-buy at exactly 11:59 p.m. every weekend night.

"We didn't have much, but a few students came to try our sandwiches," Perez said. "Apparently they liked our idea."

Sales grew to 20 and 40 sandwiches per night that year, and last September, the partners decided to expand the business, ditch the canopy and invest \$20,000 of their earnings and personal money in a military kitchen van from California.

"We actually ordered the van off eBay, hadn't seen it or assessed its condition, and took quite a risk," Arroyo said. "It could have turned out completely unusable, but, if we wanted to grow, we had to take a chance."

The investment paid off. Not only did it rescue the businessmen from the cold, but the 20-by-18-foot

portable kitchen — carrying 40 pounds of meat and complete with sinks, storage cabinets and a deep-fryer — increased The Monchon's output to 80 sandwiches per night.

"The van made the guys look more professional," said Jacob Rosen, a sophomore majoring in applied mathematical economics. "Last year, all of my friends and I went (to The Monchon) almost every weekend, and the place was packed with students from 11:59 p.m. to 3 a.m."

Not only have they accomplished all their original business goals, but they've added service as another business focus. The entrepreneurs give 5 percent of business profits to FACE AIDS, a student campaign for fighting AIDS in Africa. They also donated more than half the proceeds made during UD's Relay for Life April 18 to the American Cancer Society.

The two men agree success could not have happened without their invaluable partnership.

'If you want to make something big, you've got to start low and keep the vision to overcome challenges.'

"For us, a shared vision was the key to success," Perez said. "During hard times and the frustrations of getting the business started, it was good to have a partner to remind the other of our original dream."

They remember those winter nights they sold sand-

wiches in snowstorms.

"(Back then,) we were crazy," Arroyo said. "But if you want to make something big, you've got to start low and keep the vision to overcome challenges. That was just how much we wanted to succeed."

—RACHAEL BADE '09

Planning the business

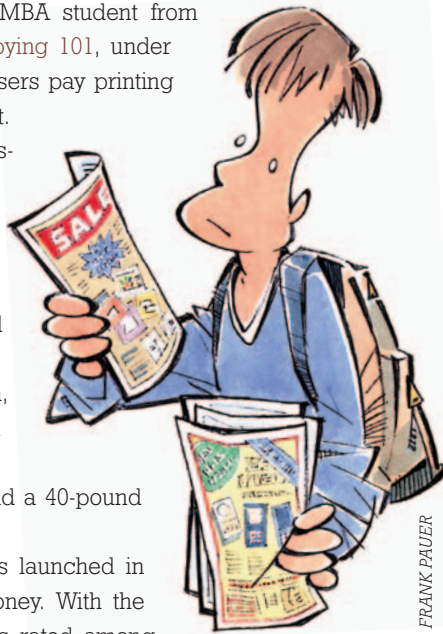
Something for free won the \$15,000 first prize in the School of Business Administration's Business Plan Competition. Alexander Göbel, an MBA student from Augsburg, Germany, won for his plan for **Free Copying 101**, under which students would get free copies, while advertisers pay printing costs in exchange for an ad on the back of each sheet.

The project was mentored by Norm Orlowski, president of Just Business! Inc.

"With more than 4,000 universities in the U.S., there are nearly 18 million potential customers," said Dean McFarlin, chair of the management and marketing department and NCR Professor of Global Leadership Development.

Other winners included an LED grow light system, an LED cone for highway and other construction, a radio frequency identification tagging system and a fishing net that would help a single fisherman land a 40-pound muskie.

Fifty-seven teams in the competition, which was launched in 2006, competed for more than \$35,000 in prize money. With the Crotty Center for Entrepreneurial Leadership, UD is rated among the top five undergraduate entrepreneurship programs in the U.S. by *Entrepreneur* magazine and *The Princeton Review*.



FRANK PAUER

Four years ago Jessi Neff was working at the counter of the Stuart Landing snack bar. Today she's contemplating writing a bible — a financial one, that is.

Writing the bible

After an undergraduate career with Flyer Enterprises, the senior finance major was named CEO of the student-run business' seven divisions for 2009-10, a job she will undertake while pursuing an MBA. Among her goals is to standardize processes across the operation and then, she says, to write "a bible of financial processes." Such a guide would address Flyer Enterprises' greatest challenge — the annual transition of senior leadership.

"We want to sustain Flyer Enterprises for years to come," Neff said. "We have to record all of our knowledge so we can pass it along to the next leaders." Undocumented errors are lessons at risk of

repetition, she says, and undocumented successes are missed opportunities.

Flyer Enterprises has annual sales of \$1.4 million.

The graduate's lament

Graduation day for Charles Little and his fellow seniors came on May 3. But earlier endings came for other parts of their UD experiences — the last class, the last test and, for Little, the last game, a loss to Kansas in the second round of the NCAA Division I men's basketball championship tournament.

Little, the only senior on the team, finished his career having played more games than all but two men players in the history of Flyer basketball. He finished 41st

on the all-time scoring list with 996 points. He finished on a team that was highly successful,

compiling a 27-8 record, making the program's first NCAA tournament appearance since 2004



ADRIAN EARGHART '10

and making the second round for the first time in 19 years.

He also finished with high praise from his coach, Brian Gregory, who told reporters after that second-round game, "We wouldn't be playing here if it wasn't for Charles Little."

Talking of his lone senior, Gregory said that the Flyers' playing in Minneapolis that day "speaks volumes for where he's come as a man. Because he has grown up. He will graduate in May. He will go overseas probably and play professionally. ... He's a guy that is fun to be around and is, you know, going to be a big part of this program because that's what we do now. Our former players are actively involved."

Little, as he spoke to the reporters, put into words the thoughts of tens of thousands of UD seniors as they reached graduation: "It just sucks that it's over."

AMONG THE WINNERS

The University of Dayton Arena has now hosted more NCAA Division I Men's Basketball Championship games, 82, than any other venue currently used. The UD Arena — site of the 2009 opening round game as well as first- and second-round games — has hosted one game less than the Kansas City Municipal Auditorium, which has not hosted an NCAA Division I tournament game since 1964.



The men's and women's basketball teams as well as the football, men's and women's golf, women's soccer, men's tennis and women's indoor track teams received **NCAA Public Recognition Awards** for their Academic Progress Rate scores. Each team posted a multi-year APR in the top 10 percent of its sport. Only 19 of the 331 NCAA Division I schools had more than eight teams cited.

MEDIA HITS

Media nationwide mentioned the "University of Dayton" or "Dayton Flyers" about 2,700 times during the first week of March Madness. *The New York Times* alone had 15 mentions. From a town that follows basketball, sports columnist Mark Story of the *Lexington* (Ky.) *Herald-Leader* wrote: "University of Dayton Arena. If there is a better venue in which to watch college basketball than this quirky little gem of a gym, I haven't seen it."

UD women finish at 21-14

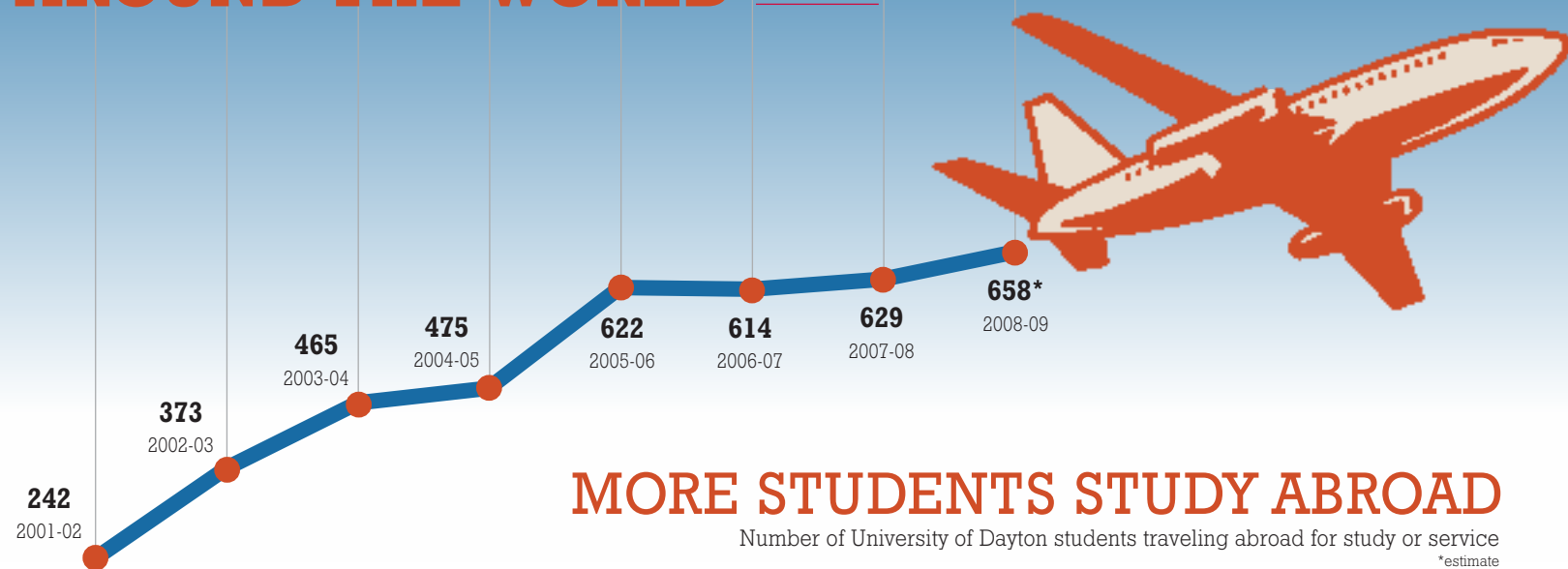
Finishing 21-14, the UD women's basketball team (with a 70-55 defeat of Oakland) won its first postseason game since becoming a Division I program. The Flyers' 20th win of the season had been an overtime upset of nationally ranked Xavier in the quarterfinals of the Atlantic 10 Conference tournament.

Right, Freshman forward Justine Raterman — who led the Flyers in scoring, rebounding and steals — was named the Atlantic 10 Conference Rookie of the Year.



ERIK SCHELKUN





Record number of Fulbright winners

For the first time in a single year, three University of Dayton students have been awarded Fulbright scholarships for international study.

Sara Stroti, a senior majoring in teacher education and German, and Jessica Mueller, a psychology graduate student, each are heading to Germany. Meghan Manning, a senior majoring in teacher education with an emphasis in special education, is going to Korea. All three will teach English.

The students will leave in August and spend 10 months in their host countries. The Fulbright award provides travel and living expenses as well as enrichment and language instruction opportunities.

This academic year has seen a record 658 University of Dayton students traveling overseas for study and service. Enrollment in overseas experience at the University is 5 percent ahead of the previous year's record pace, in contrast to a nationwide decline in applications to study-abroad programs.



Stroti ▲

Mueller ►

Manning ▼

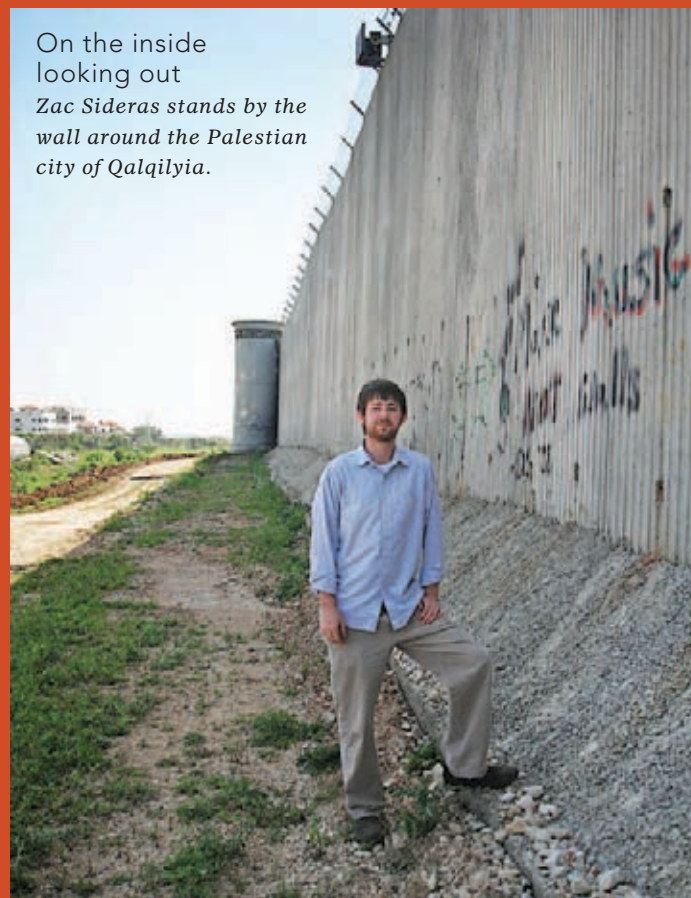


From the West Bank to Egypt

Senior Zac Sideras spent the spring semester at Birzeit University near Ramallah in the Palestinian Territories. He'll spend the fall term in Egypt as a recipient of a 2009-10 David L. Boren Scholarship from the Institute of International Education; the scholarships are funded by the National Security Education Program.

According to John McCombe, associate director of the University of Dayton's honors program, "Traditionally, schools with strong foreign service programs such as Georgetown and George Washington have dominated these awards."

On the inside looking out
Zac Sideras stands by the wall around the Palestinian city of Qalqilya.



'Something bigger than me'

"I have always felt that I had a calling to volunteer," said Katrina Duckett, a senior biochemistry major, who expects to be assigned to sub-Saharan Africa, teaching math



and science and assisting with health care.

"I want to be involved in something that is

bigger than me, and the Peace Corps is the doorway."

Three hundred and sixteen alumni of the University of Dayton have served in the Peace Corps since its founding in 1961. The 20 alumni serving in 2008 ranked UD as 23rd among medium-sized schools.

According to Maureen Knorrning '07, who serves in Guatemala having graduated in international studies and business leadership, "It's almost hard not to get involved in service at UD."

MEDIA HIT

China Daily, the largest English-language daily in China, talked to University of Dayton students about their experiences studying in America. "I'm meeting new people," said MBA student Yvonne Zhou '07, "going beyond my comfort zone, taking calculated risks — the list goes on and on."



"Barren Bowls," a spring ArtStreet exhibit, featured the work of students from Holy Angels School in Dayton who were taught for 14 weeks by Ellen Schneider, right, not as part of required coursework or observation,

but as part of the fine arts education major's honors thesis. Schneider developed a unit combining African culture with pottery creation and conducted research investigating whether learning activities support students in the art-making process.



When not working on her thesis or teaching or taking courses, Ellen Schneider was creating her own art including "Caged #2," below, which won best of show in the University Honors Program Art Exhibition (on display in Alumni Hall 125 through Oct. 31).

Caitlin McCauley, a senior visual design major, won best-of-show honors in this year's Horvath Exhibition for her work "The Injustice Files," a print-medium piece based in form on photographer Taryn Simon's *The Innocents*, a book about 45 men who were convicted in the criminal justice system and later exonerated. In her project, McCauley highlighted six ways the criminal justice system fails the accused.

The Horvath Exhibition, a juried show that started in 1975, is made possible through a memorial gift to UD from Josephine Horvath in honor of her husband, Bela Horvath, a Hungarian realist painter who came to UD after fleeing his home country.

Looking forward

A new eight-week summer arts program will bring professional artists to Dayton to work with local young people in creating art. The Blue Sky Project — founded in 2004 in a Chicago suburb — has made Dayton a permanent home after forming a partnership with the University of Dayton.





ED WHEELER

PREACHING HISTORY

The blue and yellow cast aluminum historical marker just outside the 6th Street entrance of

Philadelphia's Mother Bethel African Methodist Episcopal Church offers only a hint of the legacy facing Mark Kelly Tyler '06 when he was named the church's 52nd pastor last fall:

Founded on ground purchased by Richard Allen in 1787, this congregation is the mother church of the African Methodist Episcopal denomination. The present structure, erected 1889, replaces three earlier churches on this site.

"This site," as the marker so dryly puts it, is the oldest parcel of land continuously owned by African-Americans in the United States. Allen began preaching on the site in 1794; in 1816, he founded the AME denomination and was elected its first bishop. Among those to have preached from the pulpit here over the centuries are Frederick Douglass and Lucretia Mott. The church was a stop on the Underground Railroad.

As if that history weren't daunting enough, all Tyler need do to remind himself of the shoulders he is standing on is walk

down the steps to the church's basement, where the Richard Allen Museum is located. Just off a corner is a small room lined with white tile; in the center of the room sits a sarcophagus holding the remains of Allen and his wife, Sarah.

Talk about a tough act to follow.

"I keep thinking I'm dreaming and that somebody will wake me up one day," Tyler says. "It doesn't even seem real — it really doesn't."



Though it is only Wednesday, Tyler is dressed immaculately in a three-button, gray pinstripe suit, crisp white shirt, and green paisley bowtie as he sits in his office at Mother Bethel and discusses the path that led him to the epicenter of his denomination. His shaved head and neatly trimmed beard and mustache, flecked with gray, lend an authority to his words, delivered in a resonant but never loud voice that reflects Tyler's quiet poise.

At this point in his career, Tyler figured he'd be somewhere else — likely leading a seminary, not running a church. He had begun preaching in his hometown of Oakland, Calif., just before graduating from high school, and continued while attending college in Atlanta and graduate school in Wilberforce, Ohio. After grad school Tyler continued to serve as a pastor, moving from Ohio to the West Coast to Missouri and back to the Coast again. But his interests lay elsewhere, and in 2000, he returned to Ohio and enrolled in Dayton's Ph.D. program in educational leadership.

After earning his doctorate, Tyler and his family moved east, and he began working at the New Brunswick (N.J.) Theological

Seminary. Soon the local AME bishop assigned him to a small church in West Chester, Pa., a western suburb of Philadelphia, and then to a church in Camden, just across the Delaware River in New Jersey. The church hierarchy was becoming aware of Tyler's vast interest in history and in promoting the AME church's legacy; his dissertation was titled *Bishop Daniel Alexander Payne of the African Methodist Episcopal Church: The Life of a 19th Century Educational Leader, 1811-1865*, and he had started a blog, *Tyler's AME History Notes* (markkellytyler.blogspot.com), which gained increasing prominence during his campaign for the national church's official historiographer post. Though he lost to the 20-year incumbent — "an AME institution," Tyler calls him — it was by just a handful of votes, much to everyone's surprise.

The defeat was merely the first domino to fall. Immediately after the historiographer election, the church elected its bishops, and the pastor at Mother

Bethel, like Tyler the longest of long shots, won, leaving everyone wondering who should take the reins at the denomination's founding church. Many pointed to Tyler's immersion in church history as the perfect qualification, and four months later, in the autumn of 2008, he got the call.

"I look back at where I come from, and to actually land here — nobody ever thinks, as a pastor, that you'll ever pastor this church," he says. "It just means so much to AME preachers around the world. It is just such a unique honor."



Tyler is respectful of Mother Bethel's astounding legacy, but rather than allowing himself to be smothered by it, he seeks to continue it. He refers to Allen and other figures from the denomination's early days as innovators — African-Americans with the boldness and vision to launch a black church when virtually no one could conceive of such a thing. Later, in a move that divided the

< CONTINUED CONVERSATIONS >

FREEDOM'S PROPHET: BISHOP RICHARD ALLEN, THE AME CHURCH, AND THE BLACK FOUNDING FATHERS

Richard S. Newman

A highly readable 2008 biography of the AME church's founder, Richard Allen.

MOTHER BETHEL

<http://motherbethel.org>

The newly updated Web site of the second-oldest black congregation in the United States includes a virtual tour of Tyler's church and the Richard Allen Museum.

RICHARD ALLEN MUSEUM

419 S. Sixth St., Philadelphia

The collection, housed on Mother Bethel's lower level, includes Allen's Bible, tickets to early 19th-century prayer services, muskets used by an all-black regiment in the defense of Philadelphia during the War of 1812 and the church's first pulpit, carved by Allen's hands and once on display at the Smithsonian, as well as other treasures.

DOCUMENTING THE AMERICAN SOUTH

<http://docsouth.unc.edu/>

The repository, housed at the University of North Carolina, includes free digital editions of Bishop Richard Allen's autobiography and Bishop Daniel Payne's *History of the AME Church*. It is an "extremely beneficial Web site for students of early black American history," says Tyler.

church, its leaders required that clergy be educated so that they could read the Bible and fully understand that which they were preaching. Similar vision is needed in current times, Tyler says.

"We need an education that is relevant for today," he points out. Tyler notes that while literacy has long ceased being an issue, the church should do more to prepare its pastors for the complexities they face now: financial affairs and stewardship, for example.

"You walk into a church like this with a budget that's almost \$1 million, and we just pray to God that you know something about finance or that you picked it up along the way by osmosis," he says. "I argue that if we understand the historical fight of the 1840s, the fight today ought to be about preparing people for the job that we ask them to do, and tied to that deeply is the issue of leadership."

As Tyler stands each week at the pulpit and looks out at the curving pews that extend backward, at the crimson-rimmed balcony that lines the sides and back of the church, at the heavenly light filtering in through the gorgeous stained glass windows, he thinks of his innovative predecessors and tells his congregation that they should continue to move forward.

"The great thing about history, and I just said this Sunday in a sermon, is that those who went before us would never try to get us to stand still and to live in the world that they lived in," he says. "We can't just sit back and wait for someone else to do for us; we really have to be on the cutting edge. To me, that's the best way that you honor that legacy."

—THOMAS W. DURSO

Thomas W. Durso is a freelance writer in Philadelphia.



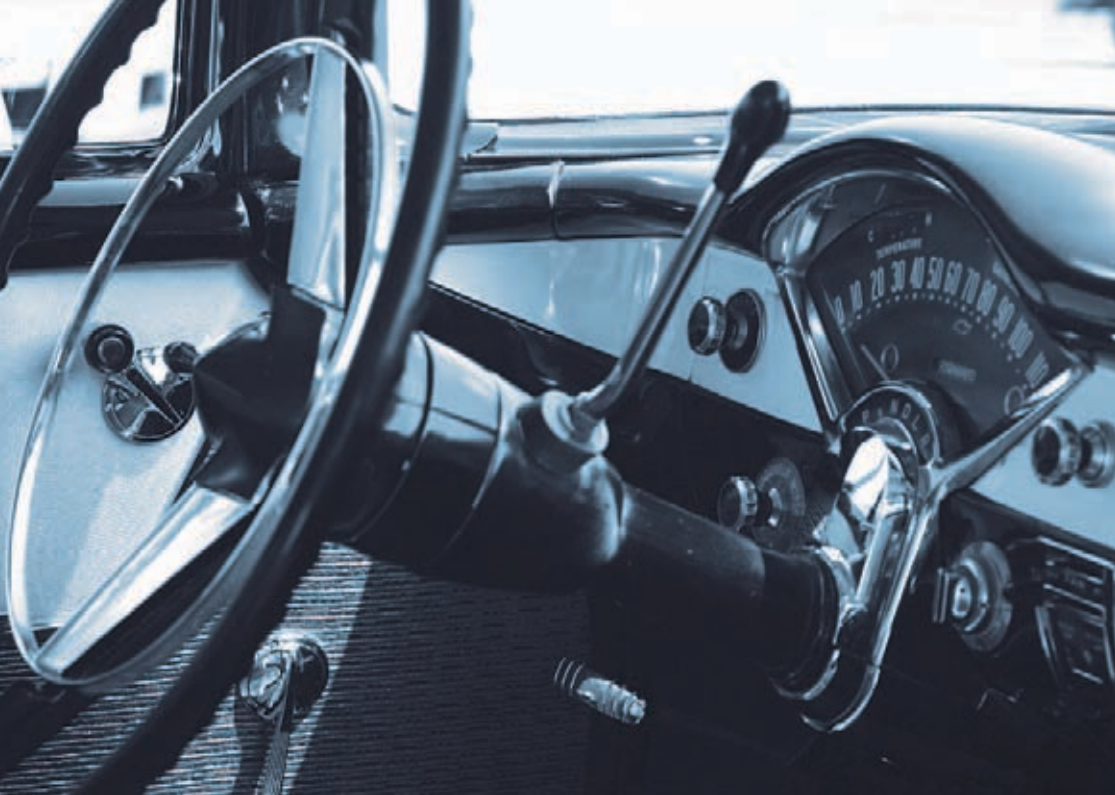
Left: John Heitmann with his 1971 Porsche 911T Targa: “There are many new conditions in the auto industry for which there are no past analogies.”

AMERICA'S AFFAIR WITH THE AUTOMOBILE

This guy loves cars. And, while not working on his, he wrote a book about the rest of us Americans who have had — and will have again — a love affair with the automobile.

BY THOMAS M. COLUMBUS





"Until the 1950s Americans, and particularly car companies, paid little attention to the problem of automobile safety," John Heitmann writes. "The typical American automobile had dashboards with numerous hard protrusions, no seatbelts, poor brakes and tires, non-collapsible steering columns, doors that opened on impact, soft seats and suspension systems, and windshield glass that shattered easily. These features were the consequence of manufacturer neglect, consumer preferences, the psychology of driving, and the failure of government to further public interest."

22 What will be the role of the automobile in the future life of Americans is a matter

of much conjecture. What it has been in the past is the subject of the recently published *The Automobile and American Life*, by John Heitmann, professor of history and holder of the Alumni Chair in Humanities at the University of Dayton. This spring he talked with *University of Dayton Magazine* about automobiles and about Americans.

Q: In your book you have a warning: "Be wary of historians who claim that they can look into their crystal balls and see the future." Yet, as journalists around the world write about today's turmoil in the auto industry and try to see the future, they seek you out as a source. Do you enjoy that?

A: Dealing with the media is an uncomfortable role. When I first became Alumni Chair, a colleague mentioned the job's public role. I thought, "I don't have a public role." I never thought I'd have so many interviews. I just turned one down with Radio Jamaica. It's not a role I wanted. For a long time, I didn't want to get too close to the present.

What changed that?

A number of faculty members have sat in on my senior seminar on the automobile and American life. One of them, Ed Garten, helped me with a number of classes. He was far more interested in contemporary matters related to the auto industry. Historians don't like to work near the present — that's journalism.

Are there particular difficulties with being an expert for the media about the auto industry?

My history is much better than my futurology. We do learn from the past. But there are many new conditions in the auto industry for which there are no past analogies. It is more globally connected. Technology changes. Government is more involved — there wasn't much government oversight of the auto industry until the late 1950s.

With those caveats, what does your knowledge of the past and observation of the present lead you to say about the future?

There is a kind of creative destruction in the auto industry now. As it dies and is reborn, there will be a lot of opportunities for young people. For older people, it's going to be painful.

Your Ph.D. from Johns Hopkins is in the history of science. How did you move to writing a book that is largely about culture?

About 10 years ago, I began to teach that senior seminar on the automobile and American life. The first time I did, it was a history of business and technology. Then I moved to include film, music, literature, art. I didn't know much about them; I'm not a cultural historian.

Why the shift?

My students had never seen *Rebel Without a Cause* or *Thunder Road*. Some had heard of Steve McQueen, but only a few had seen *Bullitt*. They knew of McQueen because of the Lightning McQueen character in the Disney movie *Cars*. Then we added films from the 1930s including serials and documentaries. They were a big deal then, but nobody had written about them.

What sort of writing do you have the students do?

They do long papers. I assign topics I want to learn more about. I get some great papers.

It's great fun. It gets great evaluations. More than half the students do very good work. Even the worst papers are interesting. One of the best — by Peter Cajka '08 — won a national prize. [Editor's note: Cajka's "Consumers, Cadillac, and Civil Rights: The Social and Cultural Impact of the Automobile in *Ebony*, 1945-1965" won the 2008 student paper of the year award from the Society of Automotive Historians. An essay by Cajka on pioneer labor leader Richard T. Frankenstein '32 appears in this issue of *University of Dayton Magazine* on Pages 22-23.]

Is there a central purpose to the seminar?

To create new knowledge. I challenge the students in areas we don't know anything about. And that is reflected in the book. It doesn't deal just with what has been written.

What does the book deal with?

It's not an auto buff history. It's not just about cars. I do love technology and beautiful aesthetics in auto design. But I'm really interested in human beings, their daily lives and how the auto fits into those lives. The automobile has profoundly shaped our everyday lives. It's had an effect similar to that of the communication revolution. The automobile has changed how we use our time, the pace of our lives. Over the last 10 to 15 years, historians of technology have been focusing more on culture.

In what way?

They are looking at how culture shapes society in its choices about technology. With the automobile we have chosen a technology that kills up to 40,000 people per year. In two years that's more than the number of U.S. deaths in the entire Vietnam War. We don't do that with any other technology, except maybe handguns.

The historian as media expert: a chronicle

As financial crisis hit automobile makers, John Heitmann — Alumni Chair in the Humanities and lover of cars — moved beyond being a teacher and a scholar to being an expert for the mass media in their search to put the automotive industry's problems in perspective. A selection from the last several months of Heitmann in the news:

"It's a pretty safe bet that Detroit is not going to be Motown in the very near future," said John Heitmann, a professor at the University of Dayton who studies the auto industry.

—wsj.com (*The Wall Street Journal*)

"We can't really compete when we have those kinds of contracts," he says. "It's the health care, it's the seniority, and it's the work rules. In flush times, when life was good and you could sell many different vehicles and particularly trucks at very high profits, GM could survive like that. But it was just a matter of time before things caught up with them."

—National Review Online

[On why auto executives occasioned more animosity than bankers] The reason for the more personal debate is that consumers have a very different relationship with car companies, said John Heitmann, a professor of history at the University of Dayton in Ohio.

"The bankers were only excessively greedy for the past 10 to 15 years," he said. "Detroit Three management has been inept and greedy — with the exception of former Chrysler chairman Lee Iacocca — for about 50 years."

—McClatchy News Service

It's topics like these that the seminar students cover?

Yes. And so do students in a larger class that enrolls about 35 students, mostly business and engineering majors. (The seminar ranges from about 12 to 17 students.) The larger class writes shorter papers. But I challenge them as well to write on something that's never been written on. So we've had papers on the automobile and suicide (from which I learned there is a statistical jump in auto accidents after an apparent suicide), on drinking and driving (a topic long ignored), the use of autos in crime, and women pioneers related to automobiles. The students are teaching me. And I'm teaching them about creating new knowledge — which is at the heart of a university.

Do your interests in the automobile and culture extend beyond America?

Certainly to my 1971 Porsche 911T Targa. And with the UD Summer Study Abroad Program this summer in Leipzig, Germany, I'm teaching European Automotive History and Technology. There are three other faculty (Becky Blust and Sean Falkowski of engineer-



"In 1930," Heitmann writes, "the Nancy Drew mystery series began with *The Secret of the Old Clock*, and young Nancy drove a blue roadster. ... Scholars have interpreted Nancy's blue car as a symbol of her independence, a message that would be conveyed to millions of young women readers in the decades that followed."



Courtesy of The Detroit News



Courtesy of the Walter P. Reuther Library

"The Battle of the Overpass" outside a Ford plant in Dearborn, Mich., put sympathetic images of the United Auto Workers on newspaper front pages across the nation. At the heart of the incident was the beating of Richard Frankenstein '32.

Union man

After being recognized by General Motors and the Chrysler Corp., the United Automobile Workers turned next to the Ford Motor Co. According to the UAW, the 1930s speed-up and stretch-out of the assembly line took a toll on Ford workers. During the Depression, Henry Ford's legendary paternalism had given way to militant security. To guard his possessions and prevent unionization, Ford created a Service Department made up of gangsters led by Harry Bennett.

The task of organizing the Ford workers was led by Richard T. Frankenstein '32 and Walter Reuther, second and third from right, respectively. Intent on avoiding direct conflict, they led a group of women in handing out fliers reading "Unionism, not Fordism." Reuther was so careful as to give the women a map designating private and public property. As planned, on May 26, 1937, they arrived at Ford's River Rouge complex in Dearborn, Mich., just prior to a shift change. Reuther had invited a range of observers, including photographer James Kilpatrick of the *Detroit News*. While the women prepared to pass out the fliers, Frankenstein, Reuther, Robert Kanter and J.J. Kennedy gathered on the Miller Road overpass for a photograph. Clad in suits, they smiled for a picture by Kilpatrick

they thought would capture a successful public demonstration.

Kanter, Frankenstein and Kennedy continued to smile as the first snapshot captured three of Ford's gangsters approaching. Only Reuther seemed concerned. A voice yelled, "This is private property! Get the hell out of here!" Forty Ford men quickly circled the UAW men, and the attack began. Reuther and Frankenstein were its main targets. They looked at each other and turned to run, but as Frankenstein later recalled, "I felt a thud on the back of my head and looked around, and a volley of blows rained in on me." Frankenstein, a former football tackle for UD coach Harry Baujan, put up a spirited fight.

Kilpatrick's second photograph captures the labor-capital conflict at its rawest. Four men work over Frankenstein as a fifth watches. Frankenstein's coat is pulled up over his head, locking his arms in place. The shorter men punch him in the stomach and kidneys. Observer the Rev. Raymond Sandford later said, "He was kicked in the groin and kidneys and knocked down. He was lifted to his feet and then knocked down and beaten again." One worker made sure to twist the heel of his shoe in Frankenstein's stomach. As the assault continued, Frankenstein was pushed and kicked off the Miller Road overpass. He later recalled "I was bounced, thrown, dragged and knocked down three flights of stairs. At the first landing a new group was waiting and took up the assault."

When the attack ended, *Detroit News* photographer Arnold Freeman picked up Frankenstein and Reuther and drove them to the office

of UAW doctor Eugene Sharfman. Bloodied and bruised, the men sat for a photo shoot by Freeman. Frankenstein was quite the actor, having written and directed three musicals during his undergraduate career at UD. This performance was simple. For the sake of exposing Ford's brutality, he posed with Reuther in a sympathetic picture. Reuther stares at Frankenstein, blood smeared on his shirt, hair disheveled and jacket missing. Over the next decade the two would vie for the leadership of the UAW.

After the beatings of Frankenstein and the others, the Ford servicemen demanded the photo plates from the photographers at the scene. Kilpatrick handed them useless blank plates and fled with the real ones hidden. His efforts ensured that the world would see the "Battle of the Overpass." For Frankenstein, the conflict was one of many in a long union career. But it would remain salient. He later recalled, "That one incident — the sheer stupidity on the part of Bennett and his men — did more to build the UAW in the auto industry than any other incident in the history of labor organizing."

—PETER S. CAJKA '08

Peter Cajka, a graduate student at Marquette University, is a former research assistant of John Heitmann and past resident of 421 Lowes St. Cajka's essay on Frankenstein, "University Man Turned Urban Politician: A New Perspective on Richard T. Frankenstein and the Politics of Building a Labor Community," was the basis of his presentation at a graduate student conference at Loyola University in Chicago.



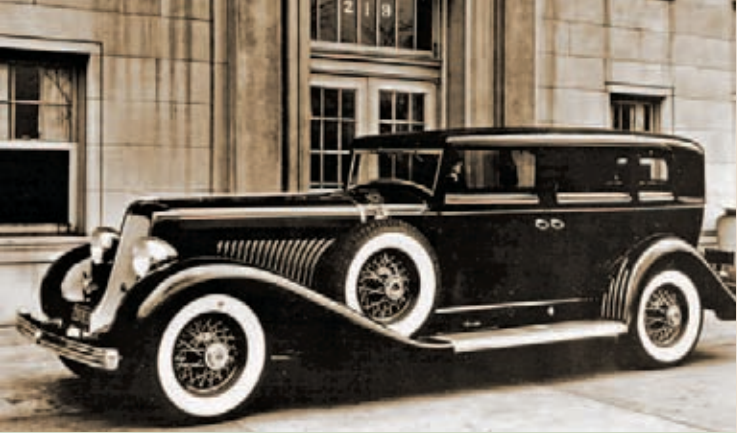


In the 1930s, at the top end of the American automobile market were Cords and Duesenbergs and Lincolns and Cadillacs. But the sales leader in the luxury car market was Packard. In Dayton, a restored original Packard dealership — The Citizens Motorcar Co. — has become known as “America's Packard Museum.” The museum features over 50 automobiles on display in the restored Art Deco showroom, service department and pavilion. See <http://www.americaspackardmuseum.org/>.



LARRY BURGESS

“The Great Depression was replete with many ironies, none more obvious to those living at the time than the magnificent, extravagant automobiles that were being produced for a privileged few during a time of enormous dislocation. ... The Duesenberg was the ultimate idol in a culture that increasingly worshipped things, especially the automobile.”



ing technology and Art Mosher of languages) and 16 students (all engineers). One of them has seven cars; some of them run. I want to get to Germany early. There’s a big Porsche car meet; I can meet Porsche nuts from all over Europe. And I plan on doing some driving, maybe rent a Porsche Boxster ... or maybe a 911 Carrera.

And besides driving and teaching UD students?

I’ll be giving talks to BMW management on auto history and culture, on American culture. I’ll argue that if they can get into our culture, they will sell more cars.

You obviously see the automobile as a pas-



“Published in 1965, *Unsafe at Any Speed* [by Ralph Nader] accused automotive engineers of disregarding ethical principles and ignoring public safety,” Heitmann writes. “During the 1960 to 1964 model years, the Corvair could go out of control at 22 mph with a turning radius of 50 degrees and front and rear tire pressure of 26 psi.”



sion, more than just transportation. Can you elaborate?

The automobile, generally the American automobile, is ingrained in American culture, in its books and movies and songs. Sam Phillips asserted that his Chess Records recording of “Rocket 88” by Jackie Brenston and the Kings of Rhythm in 1951 marked the birth of rock — though in my book I claim the first true rock ‘n’ roll song is Chuck Berry’s “Maybellene.”

Didn't you once say you had never heard of a song about a Japanese car?

Yes. To me a Honda Accord is a Honda Accord. They don’t raise your blood pressure. But it was called to my attention that there is a 1977 Dr. Demento song, “Making Love in a Subaru.” [Editor’s note: Some quick research revealed that Subaru experience to be no blood-pressure-raising rival to Prince’s “Little Red Corvette” and other rock auto classics.]

Given the economic times, isn't this passion going to be something of the past?

I don’t think so. After we are past this, cars will be back in our culture.

We’re reprinting an excerpt from your book describing your affection for your first two cars, a 1959 MGA and a 1966 Ford Mustang. What other memorable cars have you owned?

The worst was a Mercury Capri whose clutch had to be continually replaced. No, maybe the worst was my 1979 Malibu that kept blowing transmissions. Then there was the Karmann Ghia. It rusted a lot. I remem-



The historian as media expert: a chronicle

[On the closure of the General Motors SUV plant in the Dayton suburb of Moraine]

The plant closure nearly marks the end of GM’s dominance in a town that once housed five of the automaker’s presidents in the late 1960s, said John Heitmann, a history professor at University of Dayton.

“Next to Detroit and Flint, this was No. 3,” Heitmann said of the Dayton area. “That’s a lot of power. This was a great GM town.”

Heitmann said he had thought the area’s skilled labor pool and favorable geography would entice the automaker to keep the plant open, but its future was ultimately doomed by what he called an outmoded product — the fuel-guzzling SUV.

“The future of Dayton is certainly not in the auto industry anymore,” Heitmann said of the number of jobs in the region’s auto production and auto parts industries. “We’re kind of an historical relic.”

—The Associated Press

[On how the auto industry and Ohio’s economy might affect the presidential election.]

“All kinds of politicians from both parties have come to Dayton and have always said that they would deal with economic issues, like unemployment, in Ohio and in Dayton. And it seems like very little has been done. So, they’re here to get votes, but then we don’t see them again.”

—ABC World News with Charles Gibson



The historian as media expert: a chronicle

[On the demise of Pontiac]
John Heitmann, a University of Dayton historian recognized for his work on the U.S. auto industry, said what will be lost with fewer dealers is what he called the “personal touch” — dealers getting to know individual customers and their needs. Said Heitmann, “The mega-dealers will survive.”
—Dayton Daily News

University of Dayton automotive historian and expert John Heitmann said something was needed to jolt the U.S. auto industry. A housecleaning of U.S. auto executives probably would do more good than harm.
“Everything rises and falls on leadership,” Heitmann said. “New executives need to be chosen who are passionate about cars, able to read markets better than what has been done in the recent past, and willing to take risks.”
Heitmann, author of *The Automobile and American Life*, urged auto manufacturers to remodel their business plans to refocus on what initially made them successful.

“We need to go back to the roots of the industry when smaller units were the rule, before all of the consolidation and integration took place,” Heitmann said.
“Finance folks should be replaced by production and manufacturing personnel with an intimate understanding of what personal transportation is all about.”
—FloridaToday.com



James Dean, the iconic star of *Rebel Without a Cause* (1955), died in an automobile accident in a Porsche 550 Spyder, like that shown here. Dean’s Porsche, later sold for parts, rolled off a truck and broke a mechanic’s legs. A doctor, Heitmann writes, who “bought the Dean engine and installed it in his Porsche ... died in a fiery crash. A second doctor bought the transmission, and subsequently he would be injured in another crash.” Several other accidents related to the parts of Dean’s Porsche followed. “Whatever the cause, Dean’s fatal accident created a mystique about Porsches.”

ber driving on I-10 in a rainstorm. I hit a dip in the road. Then I couldn’t see. And I realized I was covered in rust. The rusted floorboard had blown out. I replaced it with plywood and got a few more years out of the car.

What motivated you to move beyond teaching about culture and the automobile and do the work of putting a book together?

One day in August, five years ago, I had played tennis six times in seven days. I was in good shape. Suddenly I got fever. I was in the hospital five days; I was weak for a month. Nobody could figure it out. Then in 2007, my cousin Fred, the person who taught me about cars, died. I decided no more just collecting notes; I needed to get the story down on paper.

Any more car books in your future?

I may want to expand on an article that I wrote on the history of the Mobilgas Economy Runs, 1936-1968. Or I might want to write a road book, perhaps using my old Porsche in the setting and connecting technology and the human spirit. **UD**

“My first car,” Heitmann writes in the epilogue to his book, “was a 1959 MGA that I bought in high school, a car filled with bondo and needing a ring-job. It was fun at the time and took me where I wanted to go without exception (despite reports of the unreliability of Lucas electrics, it never failed me). With college that car had to go, and as an upperclassman I graduated to a 1966 Ford Mustang, one of the best cars I ever owned. It was also the car in which I took my wife on our first date, and in which she pulled off the knob on the radio, much to my irritation. Since then we have ridden many places together in a number of cars, and we still irritate each other at times.”

<CONTINUED CONVERSATIONS>

THE AUTOMOBILE AND AMERICAN LIFE
John Heitmann offers an ongoing epilogue to his book in a blog of the same name.
<http://automobileandamericanlife.blogspot.com/>

AUTO MECHANICS: TECHNOLOGY AND EXPERTISE IN TWENTIETH CENTURY AMERICA
by Kevin L. Borg
Johns Hopkins University Press, 2007

AUTO MANIA: CARS, CONSUMERS AND THE ENVIRONMENT
by Tom McCarthy
Yale University Press, 2007

HELL ON WHEELS: THE PROMISE AND PERILS OF AMERICA'S CAR CULTURE, 1900-1940
by David Blanke
University of Kansas Press, 2007

VIDEOS: THE PAST AND FUTURE OF THE AUTO
John Heitmann offers insight to the past and glimpses of the future.
http://www.youtube.com/view_play_list?p=FE7CAE08D8B300A0



‘Finance folks should be replaced by production and manufacturing personnel with an intimate understanding of what personal transportation is all about.’



CLASS CHANGE

31

The neighborhood is old. The people are poor. But they may be teaching the rest of the country how to make a school succeed.

BY THOMAS M. COLUMBUS
PHOTOGRAPHY BY ANDY SNOW

The sign on the door said the school was closed for spring break.

But by mid-morning, the building bustled with children and teachers. What attracted them might not seem like a big draw. They were there to prepare for the OAT, the Ohio Achievement Tests, which third- through eighth-graders were to take in a matter of weeks.

But they were there because they wanted to be, because a neighborhood, a community wanted them to be. And they were there both because of a fortuitous confluence of events and because of the cooperation of many people and organizations, including the Dayton Public Schools, East End Community Services and the University of Dayton.

The school so active that spring day was a public school, Ruskin PreK-8. Ruskin, in its location, in the demographics of its students and parents, and in its management differs from other schools, both in Dayton and elsewhere. Its people and its neighborhood community are distinctive. The fact that this can be said to some degree about any school and the realization that the success of a school flows in part from its relationship to its community underpin a national community schools movement. The University of Dayton's Fitz Center for Leadership in Community is playing a part in that return to neighborhood schools through its leadership of Dayton's Neighborhood School Centers, one of which is at Ruskin.

That children and teachers were spending from 10 a.m. to 2 p.m. on their spring-break days in school preparing for standardized tests had much to do with the school becoming an intrinsic part of the neighborhood. A sign in a commons area proclaimed: "Change the Streets. Study." A message being sent to the students, said Devon Berry, a 2007 UD master's in education grad and Ruskin principal, was, "Nobody wants to send kids to a school with poor test scores." If the students achieve, then people want to move into the neighborhood, and the streets indeed change. The message also has a converse, Berry said: "If you don't pass, your life changes."

Education is the most significant factor determining one's poverty status. Without passing state tests, students in Ohio cannot gradu-

ate from high school. Although 11 percent of high school graduates are poor, 24 percent of those who did not finish high school are. And nearly three-fourths of the people incarcerated in Ohio did not finish high school.

Change at Ruskin predates the test preparation on that spring day, predates Berry's arrival

'Nobody wants to send kids to a school with poor test people want to move into the neighborhood, and the

and even predates the opening of Ruskin's modern, well-equipped building in August 2008.

One thread in the fabric of change goes back to 1998 with the founding of East End Community Services as part of St. Mary Development Corp. (In 2001, East End became a separate organization.) It sought, said its executive director, Jan Lepore-Jentleson '71, "to help the neighborhood reinvent itself. We asked people in the neighborhood how we could help. And we built a board of trustees we could trust." That board, she noted, includes a number of UD graduates.

Among the needs of the neighborhood was a positive environment for children. Young people were dropping out of school, getting pregnant and acting violently. So East End started an after-school program. "We found," Lepore-Jentleson said, "that kids couldn't read or do math. And they said things like, 'I'm stupid. I can't learn.'" East End then took the step of starting a charter school, East End Community School, which grew eventually to have 250 students in kindergarten through seventh grade.

While that thread was playing out, massive changes were occurring in the Dayton Public Schools. In 2002, court-ordered busing for desegregation came to an end; mandated busing lasting for three decades had effectively put an end to neighborhood schools in Dayton. The same year, the Dayton Public Schools passed a building bond issue, whose proceeds were enhanced by a state of Ohio program to spend some of the state's tobacco settlement money on schools. The end of busing and the replacing of outdated school buildings created an opportunity for revitalizing Dayton neighborhoods. The Dayton Foundation brought together public and private partners to leverage the building of new schools by connecting them to their neighborhoods; the foundation and the Dayton Public Schools called on the Fitz Center to lead the initiative.

One of the schools to be replaced was Ruskin, whose old bell along with a mural photograph of the old Ruskin building grace the walls of the

new Ruskin school. Ruskin was also chosen as one of five schools to be part of the beginning of Dayton's Neighborhood School Centers. Each school is paired with a social service agency, so pairing Ruskin with the nearby East End Community Services had an intrinsic logic, except perhaps for the fact that East End was running

a competing school in the neighborhood.

As the Dayton Public Schools were tearing the old Ruskin School down with intentions of building a new one, they asked East End to become a partner with the Fitz Center on the Neighborhood School Centers project. "And it became clear," Lepore-Jentleson said, "it would not be good to have two neighborhood schools."

The new Ruskin has East End fingerprints all over it. Ruskin is a site-based managed school, which allows for an unusual degree of involvement from the neighborhood community. Not only was there local input into the design of the school, but the principal was chosen by the community. Berry reports to a management council that includes Lepore-Jentleson, other community representatives, parents and two school board members. The council reports to the superintendent, who reports to the school board.

"This is unfamiliar territory for Dayton," Berry said. "We're still figuring out our relationships."

One relationship for which Berry is thankful is his with a graduate school teacher of his, Roberta Weaver, associate professor of teacher education and consultant to the Fitz Center, who encouraged him to apply for the Ruskin principalship.

"I love Dr. Weaver like a mom," Berry said. "She has faith in me beyond my own faith."

Now that he is principal, he is in a neighborhood in which he has faith, an area where he went to high school at Dayton Belmont — to which he was bused in the days of desegregation. Of Ruskin, he says, "I'm blessed to be at this school." He pointed out that the composition of Ruskin's student body, though not economically diverse, is in one way similar to that of the U.S. as a whole; it's about two-thirds Caucasian (largely Appalachian) with the remaining third split between Hispanic, black and mixed-race.

To relate to it, Berry draws on a diverse back-

scores.' If the students achieve, then streets indeed change. The message also has a converse, Berry said: 'If you don't pass, your life changes.'



ground. After attending Belmont, he graduated from Jefferson High School in a township adjacent to Dayton, served in the U.S. Army and went to Wittenberg University and to Antioch College, from which he has his bachelor’s degree. He taught five years in the Trotwood system near Dayton and four years at the Dayton Early College Academy, Ohio’s first early college high school, a charter school sponsored by the Dayton Public Schools and run by the University of Dayton. (Berry is certified K through 12.) He also found time along the way for six months of service in Belize City.

Ruskin’s East End charter school predecessor has bequeathed a heritage to the new Ruskin School. Much of its enrollment of 400 (to reach its capacity of 475 next year) comes from the old East End Community School, which enrolled 200 pre-K to seventh-grade students. Eighty percent of the faculty from the charter school now teach at Ruskin. Three of the full-time staff in the Ruskin building are employees of East End Community Services: Mario Gallin (who prefers to use just her first name) is the site coordinator for the Neighborhood School Centers project; Michelle Johnson directs the agency’s after-school onsite program, Miracle Makers; and Angie Tevis serves as parent liaison.

East End’s strengths let Berry have a running start. “The East End Community School,”

he said, “had a positive culture.”

According to Mario, that charter school had “a calm, reassuring attitude. It has rubbed off.”

Part of that culture and that attitude came from parents who had a strong interest in the children’s success. That also presented a potential problem for the new principal: parents were used to coming to school during the day and going straight to the classrooms of their children’s teachers. Berry believed these interruptions could hinder instruction — and if there’s one thing clearly important in the ferment of change at Ruskin, it’s academic success. So Berry went about persuading the parents that a sign-in system would be a good thing. “I got stats on pedophiles,” he said, “and on custody disputes and on lack of academic success.”

Parents were convinced. And, according to Rosario Prado, a 1998 UD master’s grad who taught at the old Ruskin School, the new school has a positive atmosphere. “Kids are now more disciplined,” she said. “The building is so quiet.”

Besides Berry’s rational arguments, parents are likely to be impressed by his commitment to the neighborhood and its children. It’s obvious to a visitor to Ruskin as Berry says “hi” to a child he saw sitting on her front porch the other day or as he listens to a student talk of a family member having heart surgery (and Berry

<CONTINUED CONVERSATIONS>

COALITION FOR COMMUNITY SCHOOLS
<http://www.communityschools.org>

EAST END COMMUNITY SERVICES
<http://www.east-end.org>

FITZ CENTER FOR LEADERSHIP IN COMMUNITY
<http://fitzcenter.udayton.edu>

notes to check in on the family). It’s obvious as he talks of the death of the mother of one of his students. “The dad was in jail,” he said. “The family couldn’t afford a funeral.” With sadness and pride, he explained how Ruskin has the ability to get resources quickly to get care for the child and how teachers helped with the funeral. Lepore-Jentleson noted that the Miracle Makers and East End staff brought both organizational skills and food. That caring may not show up on the OAT, but it offers a lesson in life for those who observe it.

For Berry and others, a neighborhood school cannot be confined by distinctions between the school and the neighborhood or the school day and the other hours of the day. Berry walks around the neighborhood almost daily. He sees

The school as family

She came to the school on a Thursday to talk to her children’s teachers and principal as she had done before. She was interested in her children’s education. Their father was also, but he and the mother had themselves struggled to coexist. And now he was in jail.

And she and the boy and the girl, having moved three times in the past year, were moving once more to a new apartment and beginning again.

On Monday, word reached the principal that a parent of another child in the school had heard that the mother to whom he had talked a few days earlier was dead. Miracle Makers, the people who run the after-school program, found an uncle of the boy and the girl. He confirmed the death. The children were in temporary foster care.

They knew their mother had gone to the hospital.

No one had told them their mother had died.

The school gathered the teachers who were close to the boy

and the girl. In a room at the school where people care for them, a boy and girl, their father in jail, learned their mother was dead.

Relatives tried to plan funeral services. They had very little money. A service was held in the basement of a funeral home with the body of the mother not in a casket but lying on a gurney, draped with a sheet.

Afterward, the staff at the school decided that the boy and the girl should have something more. So they held a memorial with a potluck meal, a community funeral at a community school with lots of food and families and kids.

The boy and the girl, as the school year ends, will be moving on yet again to live with an uncle in another town. But perhaps someday, if they persevere and survive and succeed, they will remember a school, a community that loved them.

For Ruskin School in Dayton, Ohio, is a school of, by and for the community.

the contact as important. “I’m trying to build trust with the community.”

He also works on building community within the school, which, he said, “is really three schools in one — preK-2, 3-5 and 6-8.”

Each is organized in a pod of rooms grouped around a commons area; the older children are upstairs. “That makes them feel like they are in middle school.” Berry meets separately with each group. Announcements are done live by students, viewed in classrooms on pull-down screens and monitors.

Community-building within Ruskin School extends beyond the normal school-day hours and even beyond the daylight hours. “The kids get here at 7:30 a.m.,” Berry said. “Often the building is being used until 7, or even 9, at night. The custodians sometimes worry about having enough time to clean it.”

After-hours use of school buildings is a key to the success of community schools.

When classes end each day, after-school programs begin. Some students, in a project directed by teacher Julie McGlaun, spend an hour after school studying — for cash. But the cash, in a program called Neighborhood Investment Study Bank, doesn’t go to them. The money, which is provided by local businesses and organizations, is reinvested at the end of the year in the community. The students also do service such as picking up trash or spending time with older neighbors, dancing or playing board games.

Miracle Makers, the after-school program directed by Johnson, lasts for three-and-one-half hours each day, working with 130 children per day. That scope, said Mario, whose education background includes a stint on the Dayton school board, is “tremendous. I’ve seen other programs with five kids.”

Mario, as the site coordinator for the Neighborhood School Centers project, works with the community on using the school building. A neighborhood association holds its regular meetings there. An arts organization drew 400 people to an event. A get-to-know-you event showcased local agencies and businesses. And she works with East End and social service agencies. And, Mario said, “I work on experiences that enhance work in the classroom, such as a field trip to the Dayton Art Institute or the Dayton Philharmonic Orchestra coming here.”

The experiences are tied to the academic standards of each grade level. “The focus,” Mario said, “is on academic achievement. It relates to standards or it isn’t done.” **UD**



FRANK PAUER

Dick Ferguson, director of the University's Fitz Center for Leadership in Community

Community-building, community-based

In addition to its work with the Neighborhood School Centers, the University’s Fitz Center for Leadership in Community, directed by Dick Ferguson ’73, has extensive involvement in other community projects. The community-building programs in which the center is engaged include AmeriCorps VISTA, community-based service learning, and Brown Street’s Rubicon House, which has served as a catalyst for neighborhood activity.

The center’s effectiveness flows from an intricate web of learning, leadership and service resources.

Among the center’s student programs are the Dayton Civic Scholars (social science students who make positive contributions to the greater Dayton community, discern vocations in public service, explore the relationship between urban affairs and social justice, and develop valuable leadership skills) and the Rivers Institute (an interdisciplinary cooperation among students, staff, faculty and community partner organizations focused on the Great Miami River watershed and its connections to Dayton’s future).

Among service opportunities for students are a Semester of Service for undergraduates and a Graduate Community Fellows program.

The center is also home to the Ferree Professor of Social Justice, who is currently Brother Raymond L. Fitz, S.M. ’64. The research division of Montgomery County’s Family and Children First Council, which collects data on the health and well-being of the county and its residents, is housed by the Fitz Center. The center also offers research and assessment services to some of Dayton’s nonprofit social service agencies.

B.



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C.

RESEARCH PROCEDURE

*A new tool to heal people has a possible side effect —
it could save animals.*

BY DEBBIE JUNIEWICZ '90
ILLUSTRATION BY TED PITTS

The work

was exciting, challenging, rewarding and, sometimes, disgusting.

“It was so interesting, but there were times we were a little grossed out,” said Courtney Gardner. “Some of the older pigs had a lot of fat tissue. So the veins we got from the unhealthy ones were definitely less pleasant to work with.”

She dipped into the bag of porcine vessels anyway — there was work to be done.

It had all started with a verbal inquiry from a company that develops and markets advanced medical devices for minimally invasive and open surgical procedures. The industry client had a history of working with the School of Engineering’s Design and Manufacturing Clinic on projects but needed a stronger interdisciplinary approach than the clinic could provide. Margaret Pinnell, assistant professor of mechanical and aerospace engineering, heard about the client’s research needs and immediately contacted biology associate professor Carrissa Krane to work on a proposal.

And Gardner, a 2008 chemical engineering graduate, became one of several students in engineering, biology and premedicine who worked on a project that would span more than two years. The surgical device the team was working with simultaneously cuts and seals blood vessels during surgery, effectively eliminating the need to use a scalpel or scissors along with a cauterizing device. The instrument can be used for surgeries ranging from lumpectomies to appendectomies.

Part of the project involved working with carotid and uterine pig arteries that were shipped to campus from a slaughterhouse. As the team discovered, time was of the essence as the veins had to be used within 24 hours of delivery or their properties would change.

“You could just tell when they got into the lab, the biology students were thinking ‘this is so cool,’” Krane said. “And watching the premed and biology students show the chemical engineers what to do and then seeing the same

thing happen when the engineers were working with the force transducers — those interactions were just incredible.”

Those interactions were the rule, not the exception, as the multidisciplinary team was not limited to students from different academic areas but faculty as well. Krane and Pinnell were joined by mathematics associate professor Wiebke Diestelkamp on the team that also tapped University of Dayton Research Institute technicians and engineers.

Industry partners increasingly turn to the University of Dayton for research expertise. Timely and valuable results often extend these relationships beyond a semester or even a year. But the clients aren’t the only ones who come out ahead; this real-world, industry-sponsored research provides a learning experience for students and faculty alike and helps the University strengthen its national research reputation.

“It was exactly how collaboration should work,” Krane said. “None of us could have done this alone, and we were dependent on student participation. They were the ones in the driver’s seat.”

Defining better

The instrument with which the team was working was already on the market, but the company wanted to make it better. But what would make it better?

“With this type of device, if it seals something 3 millimeters in diameter and you tweak it so it can seal something 4 millimeters, it could be seen as better,” Krane said. “But is that the only way it could be made better?”

That’s where the University of Dayton research team came in.

“The company was taking an engineering approach, and they were hitting a wall,” Krane said. “We needed to go back into the discovery phase and see what other parameters were important.

“It was like a scorecard; we knew how the device worked on A, B, C and D. Now, we needed to identify the variables they weren’t assessing in order to optimize the device.”

The project had two distinct phases. The first phase included the development of an ex-vivo approach to assess the performance of the surgical tool; the second involved additional testing and extensive statistical analysis. An ex-vivo approach generally refers to experimentation or measurements done in or on living tissue in an artificial environment. That’s where the pig vessels came in.

“The company’s test method didn’t mimic physiological systems, and there was poor repeatability,” Pinnell said. “We wanted to try to optimize their design despite the inherent variability of the test specimens.”

That variability was apparent when the students pulled the bags of arteries out of the cooler.

“You would get days when the vessels would look a lot different, but that was to be expected,” chemical engineering major Eric Whitney said.

But some of the seals created by the instrument were stronger than others, and the team worked to develop a procedure to determine which factors had the greatest effect on the quality of those seals.

They explored the type of fluid that was flowing through the vessel and the temperature of that fluid. The procedure then involved prepping a porcine blood vessel, applying tension by stretching it with force transducers, applying the surgical device and pumping the sealed ends full of fluid until the vessel burst, all while recording the pressure. The team determined that it wasn’t one factor but several combinations of factors that produced significantly different results.

“Working with actual tissue, stepping up and doing a research project that was so practical and so real, it helped confirm for me that I want to work with the human body,” Whitney said.

Whitney, now a senior, will attend medical school in 2010 and, ultimately, plans to become a surgeon.

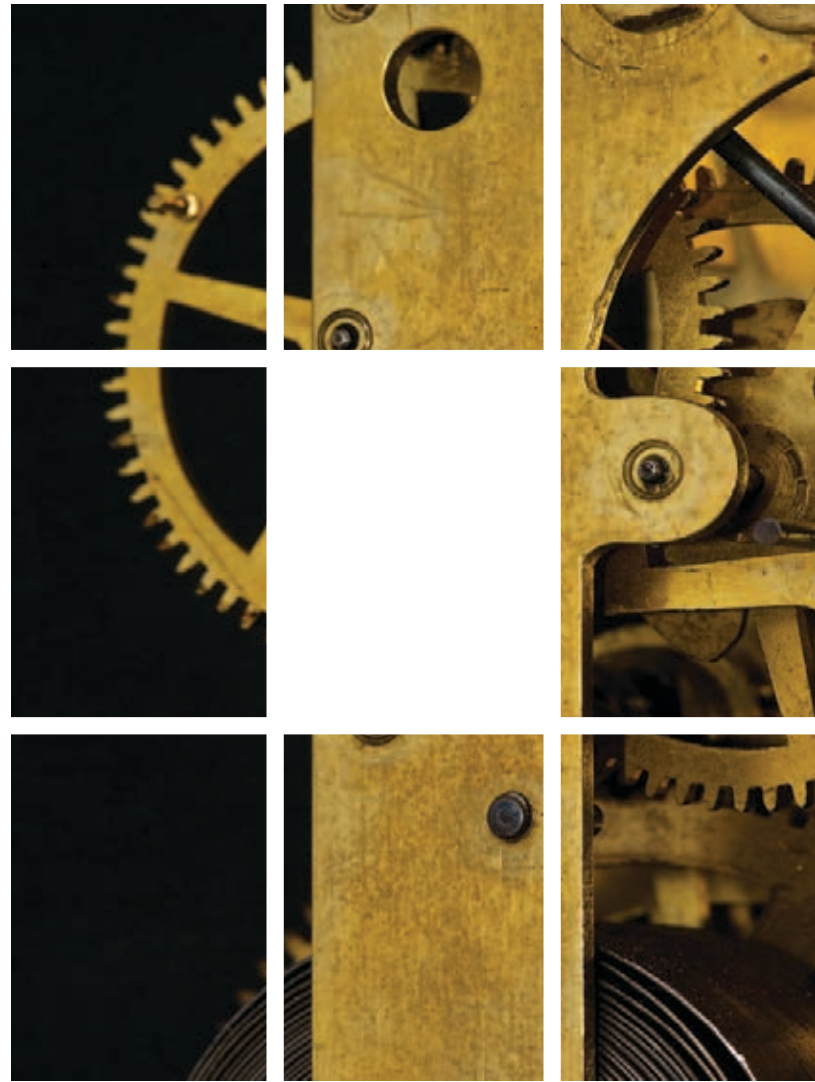
“The idea that one day I could be working on one of my patients with this instrument is really cool,” the 21-year-old said.

Doing their part

Whitney’s future patients aren’t the only possible beneficiaries of the University of Dayton team’s research work. Beyond the collaboration and possible publications, Pinnell has another reason she was drawn to this particular industry project.

“I love animals. In fact most of my life I wanted to be a vet; but when I worked in a vet’s office when I was younger, I passed out three times in three days,” she said with a smile. “I knew that wasn’t my calling.”

Pinnell, however, believes strongly in animal rights and hopes this research will reduce the amount of animal testing required to gain device approval by the Food and Drug Adminis-



‘None of us could have done this alone, and we were dependent on student participation. They were the ones in the driver’s seat.’

tration. Over the past decade the Interagency Coordinating Committee on the Validation of Alternative Methods has evaluated close to 200 non-animal methodologies and has approved some research alternatives, but according to People for the Ethical Treatment of Animals, as many as 115 million animals are still experimented on and killed in laboratories in the U.S. annually.

“The goal of what we were doing was to provide a better, robust ex-vivo test method using by-products that would have been discarded,”

Krane said. “In doing so, we might be able to decrease the total number of live animals used to make refinements.”

The FDA Center for Devices and Radiological Health regulates the approval of medical devices ranging from dental floss to replacement heart valves. The approval procedures vary greatly depending on the device, but animal testing can be an essential component.

“For the type of device we were working with, the FDA requires it,” Krane said. “One of the things our work could do, though, is reduce

the amount of animal testing needed.”

The three C’s

Collaboration, camaraderie and communication would prove to be the keys to success for this UD research team.

“I never imagined bringing all of these entities together, much less bringing them together successfully,” Pinnell said. “I got to work with some amazing people, and I felt like I was a student again.”

The students were equal players in this collaborative project from the beginning.

“The most fun part of this project was being able to give the students so much responsibility,” Pinnell said. “We were blessed with a fantastic group of students, and it was amazing how they rose to the occasion.”

“They came up with every single creative solution we had,” Krane said.

High expectations were part of the draw for Whitney, who chose chemical engineering over premed to challenge himself.

“One of the best things about this project, from a student perspective, was the amount of responsibility we were given,” Whitney said. “That was the most challenging and rewarding part because we were able to work on this project without a professor looking over our shoulders. It was very exciting, and that excitement was motivating.”

That’s not to say that there weren’t a few initial concerns from the faculty and students.

“We were a little cautious in the beginning; and we were with them, elbow to elbow, at the start of each set of tasks,” Krane said. “But once they gained our trust, we let them go.”

Gardner and Whitney both admit that they didn’t quite know what they were getting into when they replied to the first e-mail request for student research assistants two years ago. But once they started the project, fear of failure wasn’t a factor.

“Even if a test didn’t go as planned, we learned from it; sometimes, it was the best thing that could have happened,” Gardner said.

Mistakes were part of the learning process, and one of the biggest early ones was in dealing with the porcine vessels. When the students first started working with the arteries, they didn’t know that time was a crucial element.

“We’d work with them when we could; sometimes we’d do some work and put them away,” Gardner said. “We actually had to throw batches of vessels away because they went bad. If you didn’t use them right away, you could see

“What I found by working on a team like

A close-up photograph of a mechanical watch movement, showing intricate brass gears and components. A red dot is placed on a central vertical plate, with a red line extending downwards from it, indicating a specific point of interest or a step in a process.

“We couldn’t do it without the students; there’s no doubt in my mind,” Krane said. “We’re not here to stand in front and take the credit. We’re here to stand behind the students and support them.” **UD**


41



When John Bickham unravels a mystery, he uncoils its very DNA.

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Mississippi memories

ANGELA PARKER '87

A year-and-a-half ago, Angela Parker '87 didn't think the United States would have its first black president — but it wasn't because she thought the United States wasn't ready.

"I just didn't think Barack Obama had a chance against the Clinton machine," said Parker, assistant director of classroom support in UDiT, the University's information technology division.

For her father, Frank Parker of Trotwood, Ohio, Obama's election was unfathomable for entirely different reasons: He witnessed the birth of the civil rights movement.

Merely one generation apart, their perspectives seem from different worlds. That's why Parker stayed in Dayton for the historic inauguration, joining her father at his home to watch it.

Parker's father grew up in Greenwood, Miss., and recounts vividly the sights, the sounds and even the smells in the air on Aug. 31, 1955 — the day police recovered the decomposing body of Emmitt Till from the Tallahatchie River near his home. Three days before, Till had been kidnapped, beaten, shot and dumped in the river with the metal fan of a cotton gin tied with barbed wire around his neck. Till's death, less than four months after the murders of two other black men attempting to cast ballots in Mississippi, became a catalyst for the civil rights movement.

"For my father and people who were around during that time, the inauguration of an African-American president is something they never dreamed would happen," said Parker, who majored in biomedical engineering technology. "This will be a very special day for him."

It was indeed. "He talked about his father maintaining his dignity," she said. "It took a quiet strength for a man to remain dignified in an environment where people are constantly trying to rob you of your dignity. ... He told me, 'I wish my mom could see this.'"

Parker said her grandmother always voted, but her grandfather never did because he couldn't pass the literacy test required of black voters at the polls.

"He told me how they used to chime a bell when the polls opened and closed," she said. "One time, his father's boss heard the bell and asked him if he'd voted. It was a dig. His boss knew he couldn't have voted."

Though being in Washington for the inauguration would have been a great experience, "I knew I was in the right place," Parker said. "There will come a time when kids will ask why this was a big deal, and I can give witness. I can give witness to what things were like because of what my father told me. I don't take history for granted."

— *Maureen Schlagen*

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A string of childhood ER visits — and the excellent treatment he received — persuaded Bob Sobehart to become a doctor, but his career has hardly focused on childhood mishaps.

Sobehart is an emergency physician for a shock trauma platoon stationed near Fallujah, Iraq, where he treats injured U.S. and Iraqi armed forces and civilian contractors.

Deployed since February, the premed graduate and married father of two girls is on his second tour with the Marines. He was deployed to Fallujah in August 2004, around the time U.S. troops took over the city, which is 40 miles west of Baghdad.

Not an hour after his arrival in 2004, a tank sitting near the battalion aid station was hit with a rocket-propelled grenade. Sobehart performed a cricothyrotomy — a surgical airway procedure — on an injured Marine at the scene.

"That was probably the most intense moment for me," Sobehart wrote in an e-mail. "It's a procedure rarely necessary in the U.S., so you never really get to practice it other than in a laboratory setting." Thanks in part to Sobehart's quick action, the Marine survived his injuries.

Sobehart, his fellow doctor and Navy corpsman treated more than 300 patients during the two-week-long battle, even while under fire. But it was the courage displayed by the Marines and Navy forces, he said, that has stayed with him.

Now Sobehart, who earned his M.D. at the University of Pittsburgh, has returned to a region he describes as safer than five years ago.

"I sleep more easily, and my main job is training the rest of the platoon for the unlikely occurrence of traumatic injuries and mass casualties," he said.

"Hopefully it will be nothing more than good training never tested in the fire of true battle."

— *Lauren Pauer*

Healing heroes

LT. ROBERT SOBEHART '99



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Brad VanVleet’s decision to be “back home again in Indiana” after graduation was an easy one.

“I’m a small-town guy, and I love Richmond,” he said.

Returning to help with the family business, VanVleet Insurance, came naturally.

“I went to other interviews, looked around and thought, ‘Why not come back and learn from my dad while I’m young?’” he said. “And I’ve always liked helping people. I like sales.”

But sales wasn’t always his dream. He joked that as a young boy he’d had dreams of playing professional football. While he didn’t quite make it into the NFL, his love for the game made him a letter-winner for the Flyers, and he brought that enthusiasm back to Richmond, where he is an active part of the Hub Etchison Youth Tackle Football League. He said it’s all about giving back to the community that raised him and providing future opportunities for his children.

But sports isn’t the only way he’s giving back; VanVleet was instrumental in the founding of Richmond Young Adult Professionals, an organization for businessmen and women just getting started. He said Richmond is just like a lot of other Midwestern communities — not a lot of jobs or industry.

“A lot of college graduates head to the coasts,” he said. “We knew Richmond had the potential, and we just wanted to explore that.”

VanVleet is exploring his own potential, too. He is a member of the Wayne County Area Chamber of Commerce in Richmond, the president of Independent Insurance Agents of Richmond and the 2008 recipient of the Governor’s Award for Tomorrow’s Leaders — all before the age of 30.

Was he ever tempted by a move to a bigger city? No way, he said.

“Here, everyone is looking,”

he said. “In a bigger place like Indianapolis, you’re just another person, but in a smaller town like this, your impact can be felt.”

— Laura Edwards ’09

Hometown guy

BRAD VANVLEET ’01



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Washington insider

BRAD DOUDICAN '04

If you want the real inside story of Washington, D.C., ask structural engineer Brad Doudican.

He's shimmied along the steel that knits together the inner and outer domes of the U.S. Capitol Building. He's enjoyed the view from the roof of the Supreme Court. He's crawled through dirty and cramped attics like the one adjacent to the House and Senate intelligence committees' offices.

"We caused a bit of a national security stir trying to access some of the spaces," said Doudican, who for two years worked with the Architect of the Capitol to develop and install personal fall protection systems and the structural improvements needed to support them. He received special training in advanced structural design and fall protection code compliance as project manager for improvements to the U.S. Capitol Building.

Before he and his team from LJB Inc. could install tiebacks — to which workers such as window washers connect to catch them in case of a fall — the engineers had to verify that the structure could support the loads imposed by a falling mass.

That meant tracing the designs of these buildings through countless additions, architects and engineers.

"When you have a building like the Capitol, where the cornerstone was laid by George Washington, you're tracing the proposed stress loads through iterations of construction over several hundred years," he said. "There were a lot of 'wow' moments."

Such as when he crawled between the domes. "This is why I'm a structural engineer," he said as he described shining his flashlight on the dusty, steel webbing. "You realize you're inside this priceless work of art."

His love for engineering translated into adjunct teaching at UD, followed by an interest in a doctorate in civil engineering and composite materials at Ohio State University, which he began last September.

Now when he looks at pictures of D.C., he sees a political and an engineering history. He also sees the mark he left, the new structures integrated into existing roofs that allow workers to safely do their jobs because he did his.

— Michelle Tedford

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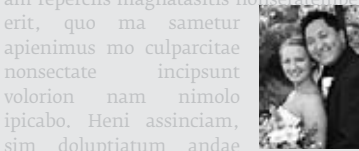
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Class Notes appear only in print editions.

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When Carolyn Verst joined DuPont, she spent Monday nights playing pickup five-on-five soccer in Asturias, Spain. Her teammates were surprised: "An American who can play soccer, and she's a woman?"

Soccer in Spain is a recent sideline for Verst, a project engineer tapped in 2007 to help lead the engineering team responsible for launching a \$104 million facility to produce isophthaloyl chloride, an ingredient in DuPont Nomex, a flame-resistant fiber used in protective clothing.

During 2008, the chemical engineering graduate traveled monthly to Spain; since January, she's been onsite, supporting the plant's startup and speaking more and more Spanish.

Called to fill in for her supervisor, Verst had one day's notice before her first trip to Spain. An older sister provided packing tips; her boss briefed her on cultural differences. "Spaniards can be passionate and intense in a work environment," her boss advised. In the States, heated meetings can cause hard feelings; "here, everyone leaves friends," she said. "I've learned to be patient with people interrupting each other. It's how they hash things out."

Verst has had chances to teach as well as learn. Chosen to represent DuPont at the 2008 Construction Users Round Table national conference, she served on the Next Generation Advisory Board, presenting the team's findings on differences in values, priorities and interaction styles between the up-and-coming and experienced generations.

Through the DuPont Field Engineering Program, she will rotate through several two- to three-year assignments, gaining experience at different company sites. In April she will return to the States. "It's harder than I expected to be gone this much," said Verst, who comes from a large family in northern Kentucky and spent a summer studying in Australia and one doing service in Thailand.

Working internationally has reinforced "how strong my roots are." — Deborah McCarty Smith '93

¿Habla engineering?

CAROLYN VERST '05



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Nowhere is nice

ERICA CAUDILL '08

Nowhere is definitely somewhere for Erica Caudill — somewhere very special, in fact.

"I just love it here," Caudill said from her home in Ketchikan, Alaska. "It's just beautiful."

Ketchikan, of course, was to anchor one side of the recently celebrated "Bridge to Nowhere." "Nowhere," locals knew, was Ketchikan's airport on sparsely populated Gravina Island.

Caudill moved to Ketchikan in August under a one-year contact to clerk for the Alaska Superior Court. And while it sometimes feels like "a continuation of law school" — researching issues for the judge, checking case citations, making recommendations — it suits her just fine. She sought a clerkship because she hadn't decided which area of law to pursue and knew clerking would give her a broad experience.

"I really like it, and part of it is ... there's a lot of community in Ketchikan," she said.

Caudill first fell in love with Alaska while visiting in 2004. Then, the summer before her third year of law school, she landed an internship with the public defender's office in Ketchikan. Under a temporary permit, she was able to fully represent clients, carrying her own caseload and appearing in court. "When I moved back to Ohio, I knew my heart was still in Alaska," she said, so she went back.

Caudill is, in fact, one of two '08 UD law grads in Alaska. The other, Sarah Sipe DeMoss, also a superior court clerk, is working north of the Arctic Circle. Caudill, a Cleveland area native, is not sure what she'll do after next August. For now, she's happy where she is. The scenery is breathtaking, the work rewarding.

"It's just a great experience," she said, "and I get to live in Alaska."

—Vince McKelvey '72

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CLASS NOTES

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RECORDS UPDATES ONLY

Send information for records to: Advancement Records, University of Dayton, 300 College Park, Dayton, OH 45469-2960. Please remember to send e-mail address and cell phone number. Or you may send it to: records@udayton.edu.

Be sure to indicate it is not for Class Notes.

STAY CONNECTED

To be sure you receive the latest news between issues of *University of Dayton Magazine*, update your e-mail address and other information at alumni.udayton.edu. Click on "My UD" to register on the alumni network.

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From the expansive front porch at 431 College Park, you've got a front-row seat for Frisbee games on Albert Emanuel's lawn and a clear view of the soft blue dome of the chapel.

A HOUSE WITH A VIEW — AND PERSPECTIVE

For 2005 graduates Sean Corcoran, Matt Heyrman, Nicholas Tabernik and Chad Warren, it was more than just a place to hang their hats — it's where four friends discovered a lasting bond that they want to share with future Flyers.

They all left UD with great memories and good jobs. While moving Warren to Idaho for his first job after graduation, Heyrman, Tabernik and Warren came up with the idea of a scholarship. Inspired by a family they knew, they designated the scholarship for a student whose immediate family has felt the financial impact of a physical or emotional handicap, which can make saving for college difficult. They decided to name it for the home they shared for two years.

"UD has impacted our lives in so many ways. The 431 College Park Endowed Scholarship is our way of ensuring others will have the opportunity for a world-class education while establishing lifelong memories and friendships," said Warren, a senior operations manager for RuffaloCody living in Boston.

"The scholarship has given us just one more thing to unite around, celebrate and work toward, just as we did at our old abode," said Heyrman, who lives in Toledo, Ohio, with his wife, Christine Sawicki Heyrman '05. "Next to sitting on the porch, my favorite 431 memory was waking up to the bells ringing from the chapel. I missed it so much my wife and I just bought a house within earshot of similar bells at the University of Toledo."

Still in the funding phase, the goal is to have the scholarship fully funded by their five-year class reunion. And while the four friends are scattered across three states, the self-proclaimed "one-flip wonders" remain close.

Warren sums it up this way: "If this scholarship can ensure the recipient can come to UD and experience four of the best years of their life, then it's all worth it."

—Jeaneen Parsons



"When we couldn't all make it to UD, somehow miraculously UD came to us."

That's how Edgard Barakat '78 '81 described the University of Dayton's first alumni event in the Middle East, a May 27 reception on the Mediterranean seashore in Beirut that brought together 65 alumni, spouses and children for nostalgia and traditional Lebanese fare of shawarma and falafel.

University of Dayton President Daniel J. Curran and Provost Joseph Saliba, making his first trip back to his homeland in 28 years, shared news about campus initiatives and the University's internationalization strategy. During their weeklong visit, the two also met Michel Suleiman, president of Lebanon, and visited secondary schools and universities to recruit students and establish academic exchanges. The trip follows a

A first for a president and provost, a first for an alumni chapter



Above, Joseph Saliba and Daniel Curran in Lebanon. Top, Saliba with Edgard Barakat '78 '81.

similar outreach effort in Kuwait earlier this year.

"This was a pioneering visit, perhaps the first of any American university president and provost to Lebanon in recorded history," said Barakat, a senior lecturer in business administration and economics at Notre Dame University-Louaize in Beirut, who coordinated the event.



"To have Dr. Curran and Dr. Saliba in the region shortly after visits to China and India makes us realize the importance that UD puts on its internationalization efforts and the role they envision for us," he said. "Our alumni, as true ambassadors for UD, will help by communicating the Marianist heritage in our local community. We can be a bridge between cultures and civilizations — unfortunately now needed more than ever."

Barakat left Lebanon during its civil war to study at the University of Dayton. He returned to campus last summer for his 30th class reunion and now is helping his alma mater launch a Middle East alumni chapter, the University's first international alumni chapter. He considers this effort "a small debt repayment" for what the University did for him.

"UD proved to be both my family and my home."

The 21 Laws of Sales Success / JACK SCHERER '67 /

Working for more than 20 years in sales, Scherer has developed 21 principles that lead to increased sales. "Sales doesn't have a great reputation because too many people are more concerned with making the sale than solving problems for the customer. Every sale is really a solution to a problem. Building trust is the key."

The Power of Critical Thinking / LEWIS VAUGHN '73 /

Heading into its third edition this September, Vaughn's textbook explores the essentials of critical reasoning, argumentation and logic. "At UD, I fell in love with philosophy, poetry and my wife all at the same time, and those loves never left me," he said. "I'm still with the same woman and writing poetry and philosophy."

Beyond Light / ROSEMARIE BILY '52 /

Bily's science fiction novel is the tale of two brothers who discover an ancient people that guide the preservation of Mother Earth. And it's written entirely in dialogue because, Bily said, "that's just how it came down."

Stalking the Subject: Modernism and the Animal / CARRIE ROHMAN '93 /

Rohman's academic study of animals in literature explores the relationship between animality and identity in the works of Joseph Conrad, H.G. Wells, Djuna Barnes and others. "In some ways, the book is as much about humans as it is about animals," she said.

Up to Our Eyeballs / JOSÉ GARCÍA '97 /

The current economic crisis didn't take García and his two co-authors by surprise. In their 2008 book, they gave early warning about many of the economic problems the nation confronts today. "The mortgage debacle hit just as we were finishing — as we suspected it would — so we added a chapter explaining how and why it happened."

—Laura Edwards '09



ALUMNI BOOKSHELF

WORK HARD, PLAY HARD

We are the champions, my friend



Kickball is all fun and games — until you're up against your big sister and your dad in the league championship.

Mary Kearney '07 can tell you firsthand. She and her team lived up to her team's name, Tank's Bar and We'll Kick Your Ass, taking the summer 2008 grudge match championship from her sister Sarah '04 and dad Jim '76, whose team was the two-time defending champion.

There were other plots and subplots in the season, like Jim's Campus South buddy Pat Lamb '76. When Lamb asked about playing in the league, Sarah said he could be "a sub of a sub." Mary got wind of the snub and put Lamb on her own team.

"Those Kearneys are just a little bit competitive," Lamb said.

The same can be said of the Chicago alumni chapter's all-UD kickball league, which boasts about 150 players on eight teams who play Wednesday nights throughout the summer in Clarendon Park in Lakeview.

Alumni in chapters across the country are taking their games seriously. For the Cincinnati chapter, it's summer sand volleyball and winter broom-ball on Fountain Square, where the games are broadcast live on the 42-foot-high video board. In Cleveland, there's the Flyer Classic Golf Outing.

For the Washington, D.C., chapter, it's flag football and softball in the Capital Alumni Network, where they take on alumni chapters from Boston College to Stanford. On Ohio Day, they go up against Ohio State, Ohio University and Xavier. Think games against that last school get intense?

"Heck yeah, man. People are sliding, getting hurt because they really want to win," said Meg Thatcher '05, a high school math teacher and the chapter's softball coordinator. "The rivalries are still alive and well."

Rec sports are a very UD part of the mix of service, family days, networking nights and other offerings of the 34 alumni chapters. Intramurals are huge on campus — 4,111 undergraduates participated in the 2007-08 academic year — so why turn off the tap after graduation?

And then there's the thrill of beating your older sister and dad, even in kickball, but Mary Kearney kept it in perspective when she and her Tank's teammates were crowned champions.

"It was a really good feeling," she said. "I didn't really rub it in their faces, although we did have champagne."

And this summer, they have a championship to defend.

— Matthew Dewald



Call it what you will — the Queen City, Porkopolis, home of a certain Jesuit Atlantic 10 rival — and also call it home to more than 7,000 UD alumni.

Actually, being in Xavier's home territory isn't all that bad, said Cincinnati alumni chapter president Rosetherese Artuso '03.

"We were all taught in one way or another to learn, lead, serve," she said. "The Xavier grads are great and love this city just as much as the UD grads do and get involved the same ways we do."

With more than 7,000 alumni living inside the Interstate 275 loop, the UD alumni chapter thrives on variety. Father Eugene Contadino, S.M. '62 came down in March to offer his "What It Means to Be Catholic in 2009" program. There are summer Reds games, winter UD basketball game watches, rec sports teams, career networking receptions, service projects with Ronald McDonald House, evenings with Shakespeare and afternoons at the horse track with the Dayton chapter. Over the holidays, the chapter works with Purcell Marian High School to adopt several families as part of its Christmas off Campus celebration.

And in between, Artuso says, there are plenty of what she calls those "oh-my-gosh-I-can't-believe-it's-you moments" when she happens to cross paths with someone she hasn't seen since her student days.

"In the four years I've lived here I've learned how small the world really is."

— Matthew Dewald



FIVE GREAT WAYS TO SPEND TIME IN CINCINNATI

1. PARTY IN THE PARK

Put a little weekend in your Wednesday at Sawyer Point on the banks of the Ohio River, "a great place for alumni of all ages," Rosetherese Artuso says. "It almost reminds me of those old Ghetto porch parties from campus, just on a bigger scale."

2. CINCINNATI SHAKESPEARE COMPANY

"A newfound love of mine," says Artuso about the professional company in the heart of Cincinnati's Backstage District.

3. THE ARTS ACROSS TOWN

From the Cincinnati Art Museum to the Aronoff Center to the Zaha Hadid-designed Contemporary Arts Center and the historical grandeur of Union Terminal, the city offers choices for every taste and budget.

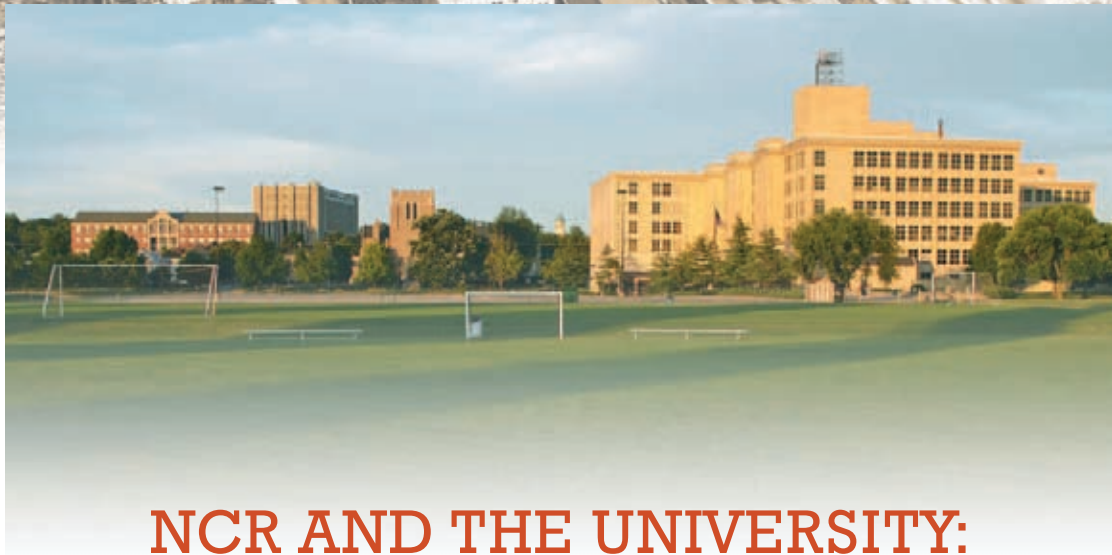
4. MOUNT ADAMS

The steep, narrow streets of Mount Adams offer some of the city's coolest night life and sweeping views of downtown and the Ohio River. On Cincinnati's highest point sits Holy Cross-Immaculata Church, where, in a tradition dating to 1860, thousands of the faithful say prayers on its steps on Good Friday.

5. FUN FOR THE FAMILY

Kings Island, the Beach Waterpark, the zoo, canoeing and camping — there's plenty to keep you in touch with the great outdoors. And just across the river in Kentucky, there's the Newport Aquarium.

For more information about your chapter, visit the chapter pages at <http://alumni.udayton.edu/>



NCR AND THE UNIVERSITY: Old partners, big opportunity

Michael Webster '88 vividly remembers brisk, wintry walks from campus to NCR's Sugar Camp complex where he worked while earning a bachelor's degree in management.

"Not exactly the 'walk a mile in the snow' stories you embellish for your kids, but I always appreciated the chance to move freely among the academic and professional worlds. That gave me perspective and insights I rely upon today," says Webster, chief strategy and communications officer for NCR Corp. in Atlanta.

The young executive takes pride in NCR's latest philanthropic move — one that will allow his alma mater to embark on the biggest expansion in school history.

In one of the most unusual gifts the University of Dayton has ever received, NCR relinquished \$5 million of participation rights in the development of the largely unused 50-acre parcel the University purchased from the global technology company in 2005. The gift allows UD the flexibility to develop the land for academic and mixed use without sharing a portion of future revenues. It gives the University the freedom to chart its future.

The property, considered the most developable parcel in the city of Dayton, runs from Brown Street to the Great Miami River.

"We recognized the opportunity to empower the

University of Dayton to develop the property for the benefit of future generations, and we considered it a privilege to contribute," Webster says.

It's one of numerous contributions NCR has made to its neighboring university over more than two decades. In all, NCR has donated more than \$13 million to UD, including nearly \$3 million for the Anderson Information Science Center and \$1 million for professorships in law and technology and global leadership development.

"The relationship between NCR and the University of Dayton is unique in its longevity — it dates back to the very year that NCR was founded in 1884 — and its closeness," Webster notes, pointing to archival history.

According to historical accounts, Julia Patterson told her sons, John and Frank, that she would allow them to invest the small family fortune to start a cash register business only if Brother Maximin Zehler, S.M., endorsed the business proposition. Zehler, principal of the school that would eventually become the University of Dayton, recognized the potential of the cash register and even arranged to purchase some of the family's land, providing the infant business with needed capital and the school with land for expansion.

The rest is history.

Not all philanthropic gifts to the University of Dayton come in the form of a check.

Sometimes they turn up in big trucks. Consider these:

- Motoman Inc. donated top-of-the-line robots to create the Motoman Robotics Lab in the School of Engineering. SAS Automation is lending a hand. Actually hands. As part of a five-year agreement, SAS is providing "end-of-arm" tools to the robots. These robots are known to dance, usually after hours. Go to <http://www.youtube.com/UofDayton> and watch how they unwind after an arduous day with researchers and students. Value: \$621,000.

- In January, 165 huge boxes of Christmas crèches and related materials arrived from Down Under. Australian collector Elisabeth Van Mullekom-Cserep donated more than 2,300 items to the Marian Library — the largest single gift it had ever received. The gift adds about 600 three-dimensional Nativity scenes from more than 60 countries to the library's massive crèche collection, making it one of the largest in the world. Value: \$150,000.



- George Zimmerman, a beloved music teacher who led a popular annual Christmas carol sing-along in Boll Theatre until his retirement, gave the University his treasured Kawai grand piano and bench and a selection of American sheet music. It sits grandly in the band room in Reichard Hall. Value: priceless.



LARRY BURGESS

From the significant to the quirky, the unexpected and the delightful, UD's archives open up windows into the University's history.



GAME OF LIFE

Brother William Wohlleben, S.M., founder of the University's chemistry and chemical engineering departments, was a double-three.

Those were the numbers on his domino, one of 300 wooden tiles that also bore names of Marianists and locations worldwide. Brother George Sauer, Society of Mary Cincinnati Province inspector from 1909 to 1938, arranged them in eight tight rows to ensure every school had its teachers and every Marianist had his assignment.

Sauer's personnel listing instrument, on display in the Marianist Archives in Roesch Library, was a practical solution to the challenge of skyrocketing high school enrollment nationwide. He wrote, "In 1909-1910, we were conducting five high schools; 1916-1917 will find us in charge of 11 of these schools — an increase of over 199 percent in seven years."

In Sauer's time, Marianists traveled yearly with their trunks to Cincinnati to await the reading of assignments.

"Sometimes, if you had to move one person, then you had to move another, which was cause to move another," said Father Paul Vieson, S.M., archives director. As the wooden blocks shifted, Marianists were off to new assignments. "Some of it was the domino effect, and some of it was so you kept a wider perspective of things."

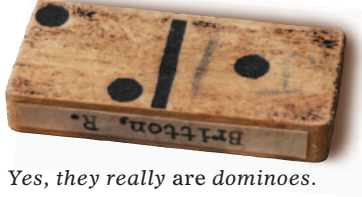
Vieson fingered the wooden blocks, pulling out ones glued with yellowing slips of paper typed with recognizable names: Father Norbert Burns, Brother Al Rose, Brother Frank Deibel — who recently celebrated his 100th birthday — and Father Charlie "A.B." Bloemer, nicknamed for the only two grades he gave.

Today, it's a bit different, Vieson said. "I've been here since 1984; I've taken root."

There are also fewer of us to move around, he added.

The province likely has spreadsheets and HR programs to track personnel assignments these days, but they feel nothing like the soft, worn wood or indented pips that once marked out the Marianists' numbers in the game of life.

—Michelle Tedford



Yes, they really are dominoes.

Charlie



—Lauren Tomasella '09

Fifth-year reunion, lacking Pete

Memorial Day 2009 marked the anniversary of a boating accident which took the life of UD alumnus Pete Gruber '04. Over 400 miles apart, two UD 2004 graduates wrote to *University of Dayton Magazine*. We, Dan Rodenfels and Leigh Ungerbuehler, each wrote — unaware the other was doing so — to honor and remember our friend Pete.

Leigh wrote, “The truth is that Pete made us all laugh. He did the unexpected, the outlandish and at times the foolish — all with the effort to get a smile. And he most often succeeded. When he wasn’t trying to make you laugh, he had an uncanny ability to listen and give advice. Many times it wasn’t what you wanted to hear, but it was always the truth.”

Dan wrote about how Pete embodied the Dayton spirit of Lead, Learn, Serve: “I can’t think of anyone who was a more fitting example of these three virtues. Pete was the glue that held everyone together. Pete led by example.

He did the unexpected, the outlandish, and at times the foolish — all with the effort to get a smile.

honor of Pete’s deceased uncle. Pete never said too much about that, either, but he knew the importance of giving back through service.”

After reading each other’s words, we spent a long evening talking about how to merge our thoughts. The conversation quickly moved away from editing and writing and to how we were dealing with Pete’s loss.

We talked for hours. We were at a loss without Pete’s advice and support. But we had a sensation that in some way Pete would help us move forward with our lives.

Pete had done it again. He had brought together his friends.

As the Class of 2004 celebrates its five-year reunion in June, Pete Gruber is present.

—Dan Rodenfels '04 and Leigh Ungerbuehler '04

To read Dan and Leigh’s stories of Pete and perhaps to share, please visit: <http://lovemesomepete.blogspot.com/>.

Letter to a son

I sort through photos, ticket stubs, report cards, news clippings. I struggle with a mother’s emotions of watching her child turn into a man.

This winter, after learning you’d been accepted to the University of Dayton, we pulled into the Arena for a Dayton Flyers game, and you acknowledged, “I’ve been going to games all my life, and I’m finally a member of the Flyer family.”

But you’ve always been a Flyer. I learned I was pregnant just days after earning a master’s degree in English at UD. Seconds after phoning your father, I blurted the news to my colleagues in the PR office. Over the years, they’ve endured stories of your love for the Flyers and your own exploits on the court.

You learned to count and make colorful “masterpieces” at the child care center on campus. You mastered the back float at the PAC. You earned “Camper of the Year” honors at the Oliver Purnell basketball camp. Your drawers

are full of Flyer T-shirts. Dayton Flyers floor mats grace the floor of your Toyota. One spring, a high school guidance counselor knocked on the door of your honors English class, grinned

and flashed the score of the Flyers’ A-10 tourney game directly at you. Your teacher was not amused.

Now, as you graduate from high school, you hesitate, not knowing quite what to expect. Here’s a little secret to college. It’s not about earning a degree. It’s about making a life.

And one minute you’ll be part of the Red Scare, screaming, “We are UD!” In the next minute, you’ll be hearing the refrains of the University of Dayton “Anthem” at your graduation ceremony in the same arena.

Listen to those words, rising and falling in the distance.

“Your alma mater calls. UD, we hear you calling.”

—Teri Rizvi '90

Flyers noticed

I was at the Minneapolis-St. Paul airport, boarding a flight to my hometown of Canton, Ohio, last March, wearing a University of Dayton jacket and the grin I’d had since watching the Flyers beat West Virginia the previous day.

The woman in front of me in line turned, saw my jacket and said, “Well, you had fun yesterday, didn’t you?”

She’d come to town to watch North Dakota State. She talked about how impressed she was with the Flyers and the fans.

That North Dakota fan’s reaction sums up why the 2008-09 UD men’s basketball team’s trip to the NCAA tournament and to the Metrodome was a huge success.

For alums like me who have wandered far from the school, the sports teams often remain one of the strongest ties. And the men’s basketball team, by dint of its history, the intensity of the UD fan base and the outsized attention the nation pays to the NCAA tournament, is the University of Dayton to many, many people.

Here in the Twin Cities, we have a small but increasingly active alumni group, thanks mostly to the efforts of Amy Barstow, Class of 2002, our chapter president. For us lonely alums in the

Great White North it couldn’t have gotten better than UD, first, landing a berth in the NCAA tournament and then playing in the Metrodome. We went to the alumni breakfast, got to hear the pep band and the president. We went to the game and screamed our heads off at the win over West Virginia in a section that was a sea of Dayton red. The local media duly noted the team and the fans.

I was thrilled to be there. I was proud.

A long-planned trip home to Canton (who knew Dayton would be playing in the NCAA tournament just down the road?) caused me to watch the Kansas game, like thousands of other Flyer fans, on TV.

In line for the flight back to the Twin Cities, the security guard at the Akron-Canton airport noticed that same UD jacket. “Flyers, man,” he said. “They looked good. How many of those guys they got coming back next year?”

“All but one,” I replied. “Whoa,” he said. Exactly.

—Thom Fladung '82

Thom Fladung is editor of the St. Paul Pioneer Press. But he learned everything he knows as editor of the Flyer News.

Country meets city

I grew up outside the suburbs. My family lives on a country road at the very extremity of our urban county. Sidewalks full of people are absent from my childhood memories. Our vacations were always to national parks or other wilderness. I understood beauty to be found in pristine natural conditions that had mostly escaped the “corruption” of human development.

But in my time at UD, I have come to appreciate another kind of beauty: that of the city.

Three years ago I planned a river trip for students in an orientation program for the River Stewards program, the student element of the Rivers Institute.

I had never been kayaking before but had several canoe experiences with my family. The trip took two days, starting north of Dayton just below the Taylorsville Dam and ending just south of the University at Sun-Watch Indian Village and Archaeological Park.

We camped overnight at Island MetroPark. The next morning, we portaged around a low dam, came underneath an I-75 bridge, paddled around a marshy bend in the stream and came upon one of the most beautiful sights I have ever seen: the skyline of the city of Dayton, highlighted by the sparkle of the sun reflecting off the water of the Great Miami River and the pure blue sky imitating the water below. There we all were, experiencing two of the most seemingly contradictory and opposite environments — nature and urban development. They seem to clash. But it was their unity here that made the scene so beautiful.

That first breathtaking paddle into the city of Dayton gave me an entirely new perspective. There I was, peacefully floating through the heart of the bustling downtown Dayton. I had never experienced awe at God’s creation in this way. The chasm that had existed since my childhood between “the city and the country” was masterfully bridged in that single conversion experience.

I have become a city person. I’ve found that cities matter, that we need cities and that cities need us. When I graduate in May, I’m going to live in the city. I’ve been transformed.

—Emily Klein '09

COMMENTARY BY DANIEL J. CURRAN
PRESIDENT, UNIVERSITY OF DAYTON

A time to invest in our mission

The unfolding economic crisis has forced a number of universities to cut budgets, halt faculty searches and delay construction projects. From Harvard to small liberal arts schools, universities have felt the shifting sands.

The University of Dayton is not recession-proof, but we remain on solid financial footing and in better shape than many institutions.

We also know we must act — not simply react.

While others retrench, we move forward. That's a tribute to decades of careful stewardship and a willingness to take prudent risks.

Moody's Investor Services, after a March analysis, praised our operating performance, healthy enrollment and strong research volume and gave us an A2 rating — a feat in these economic times

when endowments have dropped. The analysts wrote, "The stable outlook reflects our expectations that the University of Dayton will maintain a stable student market position and will continue to achieve positive operating performance."

Thanks to our Marianist founders, this is a university that faces adversity with courage, faith and a forward-thinking approach.

Tough times bring new opportunities for those who are positioned to pursue them. This is a time to invest in our mission. It's a time for us to adapt and boldly shape our future.

It's a transformative moment.

We've faced many such moments in our 159-year history. Each time, guided by mission and vision, we boldly transformed ourselves, growing into a top-tier national Catholic research university.

Today is no exception.

We are responding to the signs of the times with bold marketing.

When faced with an enrollment crisis in the

1970s, we aggressively recruited students outside Dayton and became a largely residential campus.

Today, we face another enrollment challenge. Between now and 2022, the number of high school graduates in Ohio is projected to decline 12 percent. We have re-established recruiting efforts on the East Coast and are opening new markets in China, India and the Middle East. It's paying off. First-year international enrollment jumped 81 percent last fall. This spring we recorded more out-of-state applications than in-state ones for the first time. That helped push applications to a record 12,000.

We are responding to the signs of the times with curricula and research that improve the human condition.

In January, we launched the state's first master's degree in renewable energy. The Research Institute, whose annual sponsored research volume is expected to climb to \$90 million this year, is partnering with the Air Force Research Laboratory to construct and operate the country's first federal research facility that will create jet fuel from coal and biomass.

We're responding to the signs of the times with financial discipline.

We will use Ohio Higher Education Facility Commission revenue bonds to finance the first phase of the \$14 million renovation of Stuart Hall and embark on a \$2 million second phase of renovations for the Virginia W. Kettering Residence Hall this summer. We are not scheduling any capital projects without the necessary financing or private support in place.

We're responding to the signs of the times by investing in top-flight faculty.

We attracted a large, strong, diverse pool of high-quality candidates for 39 faculty positions. In the natural sciences, five of the six new hires are women. We recruited a national leader in geothermal energy for the new clean and renewable energy program. We attracted distinguished scholars of religious studies from the faculties of Georgetown and College of the Holy Cross, strengthening our position as a leader in the study of U.S. Catholicism.

For the University of Dayton, this is an extraordinary time of opportunity. The Blessed William Joseph Chaminade's words, "New times call for new methods," guide us into a future that holds great promise.

YOU MIGHT
THINK THIS
IS HOW IT
ENDS.

ACTUALLY,
THIS IS
WHERE IT
BEGINS.

Graduation. It's more than your last day here.
It's everything you did to get here.

Opening your mind to new knowledge and perspectives.
Opening your heart to new ways of leading and serving.
Breaking bread with Marianists.
Leaving it all on the court in intramurals.

It's also the next step forward.
The opportunities we create.
The lives we make better.
The changes that make a real difference.

And each time you give to the University of Dayton,
You ensure that our transformative community
Will be experienced for generations to come.



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TIME LAPSE



A workout is a workout. In 1902, the latest campus facility was the swimming pond seen in this photo from the 1907 St. Mary's Institute scrapbook. Near the "ole swimming hole" were a fishing pond and skating pond, all located roughly where the pools, courts, weight rooms and running track of RecPlex stand today.

Courtesy of University Archives

